

PRESSFITTING - WASTE SYSTEMS

Programma di fornitura

PRODUCT RANGE • LIEFERPROGRAMM
PROGRAMME DE LIVRAISON • GAMA DE PRODUCTO



La struttura del Catalogo

The catalog structure

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La struttura commerciale

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Raccorderie Metalliche

Azienda certificata

Certified Company

DNV-GL

MANAGEMENT SYSTEM CERTIFICATE

Certificato No./Certificate No.: CE19420217-NA-ACCREDIA/SICREBF Data prima emissione/Initial date: 19 novembre 1994 Validità/Valid: 07 ottobre 2015 - 15 settembre 2018

Si certifica che il sistema di gestione di/This is to certify that the management system of

RACCORDERIE METALLICHE S.p.A.
Strada Sabbionetana, 59 - 46010 Campitello di Marcaria (MN) - Italy

È conforme ai requisiti della norma per il Sistema di Gestione Qualità/
has been found to conform to the Quality Management System standard:

UNI EN ISO 9001:2008 (ISO 9001:2008)

Questa certificazione è valida per il seguente campo applicativo:
Produzione e commercializzazione di raccorderie metalliche, a saldare, filettate, a pressare e relativo isolante; collari e sistemi di fissaggio per tubi e radiatori. Commercializzazione di valvole mix e a sfogo d'aria, prodotti/accessori complementari per impieghi idrotermo sanitari, in accordo a normative nazionali/internazionali, specifiche fornite dal cliente e specifiche interne consolidate

(Settore EA: 17 - 29)

Per l'Organismo di Certificazione/
For the Certification Body

ACCREDIA

Vittore Marangon
Management Representative

Luogo e Data/Effice and date:
Vimercate, 14 ottobre 2015

La validità del presente Certificato è subordinata al rispetto delle condizioni contenute nel Contratto di Certificazione/
The validity of this Certificate is conditional on compliance with the conditions contained in the Certificate of Contract.

UNI-EN ISO 9001:2008

DNV-GL

MANAGEMENT SYSTEM CERTIFICATE

Certificato No./Certificate No.: 90479/2012-NA-IT-ACCREDIA/SICREBF Data prima emissione/Initial date: 22 dicembre 2010 Validità/Valid: 22 dicembre 2016 - 15 settembre 2018

Si certifica che il sistema di gestione di/This is to certify that the management system of

RACCORDERIE METALLICHE S.p.A.
Sede Legale: Strada Sabbionetana, 59 - 46010 Campitello di Marcaria (MN) - Italy

È conforme ai requisiti della norma per il Sistema di Gestione Ambientale/
Has been found to conform to the Environmental Management System standard:

UNI EN ISO 14001:2004 (ISO 14001:2004)

Valutato secondo le prescrizioni del Regolamento Tecnico RT-09/
Evaluated according to the requirements of Technical Regulations RT-09

Questa certificazione è valida per il seguente campo applicativo:
Produzione (attraverso le fasi di taglio, deformazione e filettatura) e commercializzazione di raccorderie metalliche, a saldare, filettate, a pressare e relativo isolante; collari e sistemi di fissaggio per tubi e radiatori. Commercializzazione di valvole mix e a sfogo d'aria, prodotti/accessori complementari per impieghi idrotermo sanitari, in accordo a normative nazionali/internazionali, specifiche fornite dal cliente e specifiche interne consolidate

(Settore EA: 17 - 29)

Per l'Organismo di Certificazione/
For the Certification Body

ACCREDIA

Vittore Marangon
Management Representative

Luogo e Data/Effice and date:
Vimercate (MB), 17 gennaio 2017

La validità del presente Certificato è subordinata al rispetto delle condizioni contenute nel Contratto di Certificazione/
The validity of this Certificate is conditional on compliance with the conditions contained in the Certificate of Contract.

UNI-EN ISO 14001:2004

DNV-GL

MANAGEMENT SYSTEM CERTIFICATE

Certificato No./Certificate No.: 189942/2015-NA-ACCREDIA/SICREBF Data prima emissione/Initial date: 23 novembre 2015 Validità/Valid: 23 novembre 2015 - 23 novembre 2018

Si certifica che il sistema di gestione di/This is to certify that the management system of

RACCORDERIE METALLICHE S.p.A.
Sede Legale: Strada Sabbionetana, 59 - 46010 Campitello di Marcaria (MN) - Italy

È conforme ai requisiti della norma per il Sistema di Gestione della Salute e Sicurezza sul Lavoro/
has been found to conform to the Occupational Health and Safety Management System standard:

BS OHSAS 18001:2007

Valutato secondo le prescrizioni del Regolamento Tecnico RT-12/
Evaluated according to the requirements of Technical Regulations RT-12

Questa certificazione è valida per il seguente campo applicativo:
Produzione e commercializzazione di raccorderie metalliche, a saldare, filettate, a pressare e relativo isolante; collari e sistemi di fissaggio per tubi e radiatori. Commercializzazione di valvole mix e a sfogo d'aria, prodotti/accessori complementari per impieghi idrotermo sanitari, in accordo a normative nazionali/internazionali, specifiche fornite dal cliente e specifiche interne consolidate

(Settore EA: 17)

Per l'Organismo di Certificazione/
For the Certification Body

ACCREDIA

Vittore Marangon
Management Representative

Luogo e Data/Effice and date:
Vimercate, 23 novembre 2015

La validità del presente Certificato è subordinata al rispetto delle condizioni contenute nel Contratto di Certificazione/
The validity of this Certificate is conditional on compliance with the conditions contained in the Certificate of Contract.

BS OHSAS 18001:2007



Profilo aziendale

Raccorderie Metalliche rappresenta dal 1970 una realtà di assoluto rilievo nel panorama europeo dei produttori di materiale per l'impiantistica nel **settore idrotermosanitario civile ed industriale**. Dal 2014 è presente nel **settore navale** come unico operatore sul mercato in grado di offrire contemporaneamente sistemi pressfitting, sistemi di scarico in acciaio, raccorderia a saldare e filettata e sistemi di fissaggio.

Un'azienda formata da oltre **300 dipendenti** che ogni giorno realizzano la missione di Raccorderie Metalliche.

"Aiutiamo gli installatori a lavorare in modo rapido, sicuro e conveniente, studiando e realizzando ogni giorno soluzioni innovative di prodotto e di processo prestando particolare attenzione all'impiego dei sistemi di raccordi a pressare."

(Pier Luigi CECCARDI,

Fondatore e Presidente di Raccorderie Metalliche)

Presenza nel Mondo

Raccorderie Metalliche dispone di due siti produttivi in Italia, con un totale di oltre 89.000 mq, e 3 filiali commerciali estere (Germania, Francia e Spagna) che garantiscono una distribuzione in oltre 60 Paesi nel mondo.

- **InoxPRES S.A. (Barcellona, Spagna):** commercializzazione di tubi e raccordi su tutto il territorio spagnolo e portoghese.
- **RM Pressfitting GmbH (Monaco di Baviera, Germania):** sviluppo commerciale e coordinamento di un team di promoters sul territorio tedesco.
- **Raccorderie Metalliche FRANCE SARL (Lione, Francia):** sviluppo commerciale e coordinamento della struttura di vendita sul territorio francese.

I punti Chiave

Il successo di Raccorderie Metalliche è da attribuire ad una pluralità di fattori: conoscenza, qualità, vasto assortimento di gamma ed estrema attenzione al cliente.

- **Costante ricerca e continuo sviluppo di soluzioni innovative** hanno permesso di realizzare il **primo raccordo tee pressfitting** al mondo in acciaio al carbonio privo di saldature.
- **Continui controlli e miglioramenti sulla qualità** hanno consolidato un elevato standard qualitativo.
- **Certificazione dei sistemi di gestione delle proprie attività** nel rispetto dell'ambiente e della sicurezza dei propri collaboratori.
- **Costante disponibilità e tracciabilità** di prodotti presso i nostri magazzini.
- **Tecnici che affiancano e consigliano** i progettisti nel loro lavoro.
- **Trasparenza, correttezza e rispetto reciproco** con i partner permettono di garantire standard elevati di servizio.
- **Continue attività formative e di aggiornamento** per far crescere professionalmente gli installatori.
- **Particolare attenzione al sociale** ritenendo che siano le persone a fare la differenza, quella differenza che permette di evolvere.

Dati di rilievo

Aggiornati a dicembre 2017

- **Area totale** _____ **89.000 mq**
- **Superficie coperta RM** _____ **51.000 mq**
- **N° dipendenti** _____ **300 persone**
- **Fatturato Italia** _____ **34%**
- **Fatturato Export** _____ **66%**
- **Presenza** _____ **in oltre 60 paesi**
- **N° articoli a catalogo** _____ **6.200**
- **Materia prima trasformata** _____ **26.000 tons/anno**
- **Brevetti** _____ **8**
- **Certificazioni prodotti** _____ **80**

Company profile

Since 1970, Raccorderie Metalliche is a leading manufacturer in the European **civil & industrial plumbing sector** landscape. Since 2014 we are present in the **shipbuilding sector** and the only one in the market being in a position to offer press fitting systems, steel wastewater systems, welding fittings, threaded fittings and fastening systems, at the same time.

Every day, **300 employees** are committed to fulfil Raccorderie Metalliche's mission.

"We constantly offer innovative solutions in terms of both product and process and take the use of press fitting systems into particular consideration; these solutions allow fitters to work rapidly, safely and suitably."

(Pier Luigi CECCARDI,

Founder and President of Raccorderie Metalliche)

Our Presence in the World

Raccorderie Metalliche has two production plants in Italy, extending over an area of more than 89.000 sq. m, as well as 3 branch offices in foreign Countries (Germany, France and Spain) ensuring the distribution of our products in more than 60 Countries of the world.

- **InoxPRES S.A. (Barcelona, Spain):** marketing of pipes and fittings in the whole Spanish and portuguese territory.
- **RM Pressfitting GmbH (Munich, Germany):** trade development and coordination of our team of promoters in Germany.
- **Raccorderie Metalliche FRANCE SARL (Lyon, France):** trade development and coordination of our sales structure in France.

Key Points

Raccorderie Metalliche's success is the result of several factors: knowledge, quality, a wide range of products, particular ability to understand customer requirements.

- **Continuous research and development of innovative solutions** allowing us to be the first Company producing a seamless carbon steel **pressfitting Tee**.
- **Continuous quality control and improvement** resulting in a high quality level.
- **Certification of activities managing systems** in conformity with environment and workers' safety regulations.
- **Constant availability and traceability** of products in our warehouses.
- **Technicians collaborating with and giving advice** to the design engineers.
- **Fairness, transparency and mutual respect** between the partners to provide our customers with the best possible service.
- **Constant training and update** in order fitters to continue their professional development.
- **Particular attention to social issues**, because we think that people make the difference, which is the key ingredient for evolution.

Highlights

Updated on December 2017

- **RM total area** _____ **89.000 sq.m**
- **RM covered area** _____ **51.000 sq.m**
- **Human resources** _____ **300 persons**
- **Domestic sales** _____ **34%**
- **Export sales** _____ **66%**
- **Presence** _____ **more than 60**
- **Item on catalouge** _____ **countries 6.200**
- **Processed raw materials** _____ **26.000 tons/year**
- **Patents** _____ **8**
- **Products Certifications** _____ **80**

Pressare, Innestare, Innovare!

I sistemi di Raccorderie Metalliche **prodotti in Italia** si dividono in:

Sistemi **Pressfitting**

inoxPRES

Acciaio inossidabile AISI 316L

steelPRES

Acciaio al carbonio E195

MARINE PRES

Cupronichel 90/10

AES PRES

Rame Cu-DHP 99.9 / Bronzo CuSn5Zn5Pb2-C / CC449K

I Sistemi Pressfitting di Raccorderie Metalliche sono composti da raccordi, tubazioni* ed attrezzature. Le nostre soluzioni sono progettate per impianti di distribuzione acqua potabile, antincendio, climatizzazione, aria compressa e trasporto di fluidi in genere.

**PRESSIONE DI ESERCIZIO FINO A PN16.
DISPONIBILITA' NEI DIAMETRI DA 15 mm A 168 mm.**

Tutti i prodotti seguono un processo di tracciabilità che permette l'identificazione di ogni singolo componente per qualsiasi evenienza.

Sistemi **di scarico**

DRAIN è un sistema ad innesto composto da tubi e raccordi in acciaio inossidabile AISI 316L per il trasporto di acque di scarico bianche, grigie e nere; la soluzione ideale per la realizzazione reti di scarico sia in gravità che in vuoto.

I sistemi di fissaggio, raccorderia **a saldare / filettata, flange**

I nostri sistemi di fissaggio, la raccorderia a saldare e filettata, le flange rappresentano il giusto completamento per fornire un'intera gamma di prodotti che soddisfino a 360° l'esigenza per tutti i tipi di impianti.

* Tranne per il sistema AesPRES®

Press, Push, Innovate!

Raccorderie Metalliche Systems **produced in Italy** are divided as follows:

Pressfitting Systems

inoxPRES® Stainless Steel AISI 316L

steelPRES® Carbon Steel E195

MARINE PRES® Copper-nickel 90/10

AES PRES® Copper Cu-DHP 99.9 / Bronze CuSn5Zn5Pb2-C / CC449K

Raccorderie Metalliche Pressfitting Systems include fittings, piping* and tools. Raccorderie Metalliche Pressfitting Systems are designed for multiple application fields: distribution systems of drinking water, fire protection systems, air conditioning, compressed air, and fluid transport systems in general.

**WORKING PRESSURE UP TO PN16.
AVAILABLE FROM 15 mm TO 168 mm.**

All products follow a traceability process which allows each and every component to be identified.

Waste Systems

DRAIN is a push-fit system composed of pipes and fittings in AISI 316L stainless steel for the transport of white, grey and black wastewater; the ideal solution for the construction of gravity and vacuum drainage networks.

Fastening, welding / threaded fitting systems, flanges

Our fastening, welding/threaded fitting systems and flanges represent the correct completion of products to provide a full range which meets the 360° requirements for all installations.

* Except for AesPRES® system



Campi di applicazione Fields of application

Raccorderie Metalliche offre tutte le soluzioni per l'adduzione e lo scarico di acqua ed il trasporto di svariati fluidi.

I sistemi Pressfitting di Raccorderie Metalliche si distinguono per **semplicità, rapidità e sicurezza**.

- > La **semplicità** è intrinseca nelle caratteristiche del sistema: taglia, innesta e pinza, nessun patentino, nessuna fiamma.
- > La **rapidità** permette di abbattere i tempi di installazione fino al 60% rispetto ai sistemi tradizionali.
- > La **sicurezza** è data dall'assenza di rischi d'incendio e dal mantenimento di un ambiente di lavoro pulito ed ordinato, anche in condizioni di spazio ristretto.

Raccorderie Metalliche offers all possible solutions for the supply and drainage of water and for the transport of diverse fluids.

Raccorderie Metalliche Pressfitting systems stand for **simplicity, speed and security**.

- > **Simplicity** is inherent in the system's characteristics: cut, insert and press, no flame, no licence needed.
- > **Speed of installation** makes it possible to reduce labour time by up to 60% and high safety levels compared to traditional systems.
- > **Security** is provided by the absence of fire risks and by maintaining a clean working environment, even in a restricted work-ing space.



Applicazioni Applications	Acciaio inossidabile Stainless Steel	Acciaio al carbonio Carbon Steel	Rame / Bronzo Copper / Bronze	Cupronichel Copper-nickel	Acciaio inossidabile Stainless Steel	Isolamento Insulation
Acqua potabile Potable Water	✓		✓			✓
Gas metano / GPL Natural Gas / LPG	✓		✓			
Riscaldamento Heating	✓	✓	✓	✓		✓
Raffrescamento Cooling	✓	✓	✓	✓		✓
Solare termico Solar Thermal	✓	✓	✓	✓		
Aria compressa Compressed Air	✓	✓	✓	✓		
Antincendio Fire Protection Systems	✓	✓	✓	✓		
Acque di processo Process Water	✓			✓	✓	
Scarichi Wastewater				✓	✓	
Nebulizzazione Nebulisation	✓					
Silicone free Silicone Free	✓					
Vapore Steam	✓					



Acqua potabile
Potable Water



Gas metano / GPL
Natural Gas / LPG



Riscaldamento
Heating



Raffrescamento
Cooling



Solare termico
Solar Thermal



Aria compressa
Compressed Air



Antincendio
Fire Protection
Systems



Acque di processo
Process Water



Scarichi
Wastewater



Nebulizzazione
Nebulisation



Silicone Free
Silicone Free



Vapore
Steam





Sistemi di raccordi a pressare

PRESS FITTING SYSTEMS

PRESSFITTINGSYSTEME

SYSTÈME À SERTIR

SISTEMA DE ACCESORIOS PARA PRENSAR

Il sistema **pressfitting**

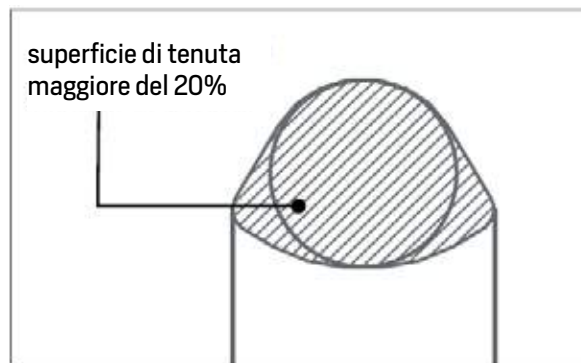
RACCORDERIE METALLICHE utilizza per i propri prodotti la tecnica di giunzione con profilo "M". Durante la pressatura avviene una deformazione a 2 livelli. Il primo livello di resistenza si realizza in seguito alla deformazione meccanica del raccordo e della tuba-

zione, un collegamento indissolubile che garantisce la resistenza meccanica dello stesso. La tenuta idraulica viene garantita dall'O-Ring deformato nella sua sezione: grazie alla sua elasticità, garantisce l'ermeticità permanente della giunzione.

Il profilo dell'anello di tenuta (O-Ring)

I tradizionali sistemi di raccordi a pressare utilizzano anelli di tenuta (O-Ring) a sezione circolare che in caso di lavorazione non appropriata, sono facilmente soggetti ad essere danneggiati. Raccorderie Metalliche usa un'anello di tenuta brevettato a profilo lenticolare (lenring) che aderisce perfettamente alla camera toroidale. Ne conseguono i seguenti vantaggi:

- > Una superficie di tenuta maggiore del 20%;
- > Notevole diminuzione del rischio di danneggiamento dell'anello di tenuta;
- > Facilita l'inserimento del tubo.



Il materiale impiegato nella realizzazione dei raccordi e dei tubi

I raccordi ed i tubi della linea INOXPRES® sono in acciaio inossidabile AISI 316L. A differenza dei tradizionali sistemi in acciaio AISI316, i prodotti INOXPRES® presentano un minor contenuto di carbonio che conferisce all'acciaio una maggiore resistenza alla corrosione.

Anelli di tenuta - Campi di impiego e caratteristiche tecniche

INDICAZIONI TECNICHE	COLORI	TEMPERATURE D'ESERCIZIO MIN / MAX GRADI CELSIUS	PRESSIONE D'ESERCIZIO MAX IN BAR	OMOLOGAZIONE ENORME	CAMPI D'IMPIEGO	INSERITO IN FABBRICA
EPDM	Nero	-20°/+120°	16	KTW W 270 DVGW W 534	Acqua potabile, Riscaldamento Circuiti di raffreddamento, Acque trattate, Acque completamente dissalate, Acqua piovana, Aria compressa (Classe 1÷4)	sì
NBR HNBR	Giallo	-20°/+70°	5	G 260HTB DVGW G 5614	Gas naturale, Gas metano, GPL (fase gassosa)	sì
FKM	Verde	-20°/+220°	16	-	Solare, Aria compressa (Classe 5), Acqua salmastra	sì
STEAM	Bianco	-20°/165°	7	-	Vapore saturo	sì
MVQ	Rosso	-20°/+180°	16	-	Applicazioni industriali dopo la verifica da parte di RM	no

Norma di riferimento EN 10217-7:2005

WERKSTOFF NR.	C ≤ %	SI ≤ %	MN ≤ %	P ≤ %	S ≤ %	N ≤ %	CR %	MO %	NI %
AISI316 / W.1.4401	0,07	1	2	0,05	0,02	0,11	16,5	2	10
X5CrNiMo 17-12-2									
AISI316L / W. 1.4404	0,03	1	2	0,05	0,02	0,11	18,5	2,5	13
X2CrNiMo 17-12-2									

Pressfitting system

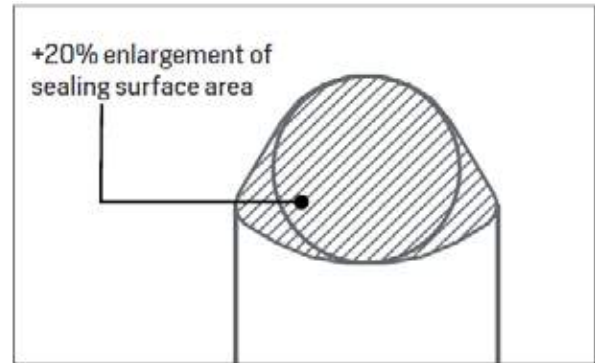
The junction connection of RACCORDERIE METALLICHE press fitting systems is with "M" contour. During the pressing process a deformation takes place on two planes. The first plane creates a permanent connection and provides

mechanical strength through the mechanical deformation of the press fitting and the pipe. On the second plane the seal ring is deformed in its cross section and through its elastic properties creates the permanently tight joint.

Sealing ring profile (O-Ring)

Traditional press fitting systems use round sealing rings, which can easily be damaged by careless fitting. RM on the other hand uses a patented sealing ring with a lenticular profile which fits the press crimp groove. This provides the following advantages:

- A 20% enlargement of the sealing surface area;
- Major reduction of the risk of the sealing ring being pressed out or damaged;
- Fit makes the pipes insertion easier.



Description of the material used to produce stainless steel pipes and fittings

Pipes and fittings of INOXPRES® are made in stainless steel AISI 316L. Unlike traditional systems made with AISI316, INOXPRES® products present a lower content of carbon that gives a higher resistance to corrosion.

Sealing rings - Fields of applications and technical data

TECHNICAL TERM	COLOUR	OPERATING TEMPERATURE MIN. -/MAX. DEGREES CENTIGRADE	OPERATING PRESSURE MAXIMUM IN BAR	APPROVALS AND CERTIFICATION BASIS	FIELDS OF APPLICATION	FACTORY FITTED
EPDM	black	-20°/+120°	16	KTW W 270 DVGW W 534	Potable water, Heating, Cooling and refrigeration circuits, Treated water, Desalinated water, Rain-water, Compressed air (Class 1÷4)	yes
NBR HNBR	yellow	-20°/+70°	5	G 260HTB DVGW G 5614	Natural gas, Methane gas, GPL (gaseous state)	yes
FKM	green	-20°/+220°	16	-	Solar, Compressed air (Class 5), Salt water	yes
STEAM	white	-20°/165°	7	-	Saturated Steam	yes
MVQ	red	-20°/+180°	16	-	Industrial applications following approval by RM	no

Reference norm EN 10217-7:2005

WERKSTOFF NR.	C ≤ %	SI ≤ %	MN ≤ %	P ≤ %	S ≤ %	N ≤ %	CR %	MO %	NI %
AISI316 / W.1.4401	0,07	1	2	0,05	0,02	0,11	16,5	2	10
X5CrNiMo 17-12-2									
AISI316L / W. 1.4404	0,03	1	2	0,05	0,02	0,11	18,5	2,5	13
X2CrNiMo 17-12-2									

Le fasi di **installazione**

Installation process



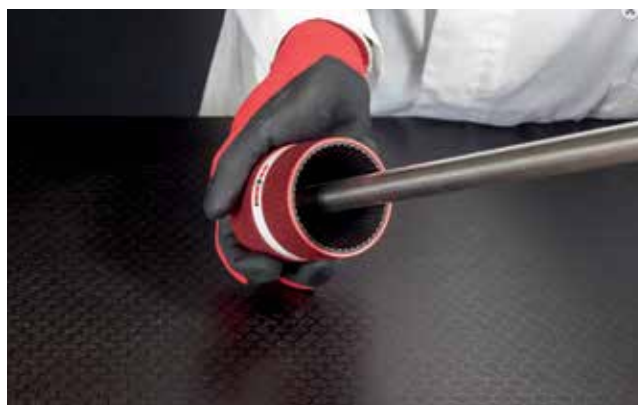
Attrezzatura per la preparazione del tubo / Tools for the pipe set-up



Macchine e attrezzature per la pressata / Pressing machines and tools



Taglio del tubo / Cutting the pipe to length



Sbavatura del tubo / Deburring the pipe



Controllo O-ring / Checking the sealing ring



Marcatura della profondità d'innesto / Marking the insertion depth



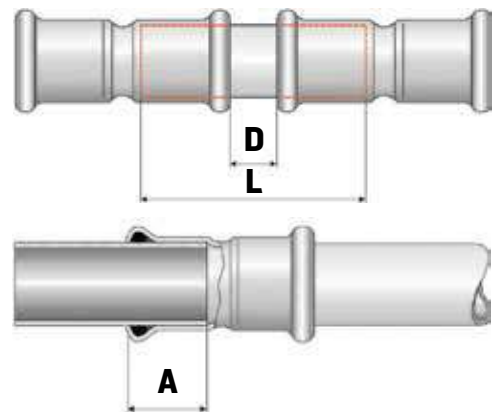
Preparazione della macchina pressatrice / Press machine preparation



Assemblaggio attraverso pressatura / Making the press connection



Controllo della pressatura / Checking the press connection



Profondità d'innesto e distanze minime

Insertion depth and minimum distances

Diametro esterno tubi in mm Pipe outside diameter in mm	A mm	D mm	L mm
12	18	20	56
15	20	20	60
18	20	20	60
22	21	20	62
28	23	20	66
35	26	20	72
42	30	40	100
54	35	40	110
76,1	55	60	170
88,9	60	60	180
108	75	60	210
139,7	95	100	290
168,3	113	100	326

Certificazioni / Certifications

SETTORE CIVILE / CIVIL SECTOR

		PRODUKTE DER WASSERVERSORGUNG	DW-8511AU2084 (W 534)	Ø 15 – 108 mm
		EDELSTAHLROHR "INOXPRES" - 1.4404	DW-7301 BM3426 (GW 541)	Ø 15 – 108 mm
		EDELSTAHLROHR "INOXPRES" - 1.4521	DW-7301 BT0667	Ø 15 – 54 mm
		ROHRSYSTEM EDELSTAHL "INOXPRES" PRESSFITTINGSYSTEM AUS EDELSTAHL DN 20 BIS DN 80 VERWENDUNG: IN ORTSFESTEN WASSERLÖSCHANLAGEN	G 4060006 (VdS 2344 - VdS 2100)	Ø 22 – 88,9 mm
		TRINKWASSERHAUSINSTALLATIONSSYSTEM = INOXPRES®=	W 1.402 (PW 300)	Ø 15 – 108 mm
		TRINKWASSERVERTEILSYSTEME	0007-4278 (TPW 132)	Ø 15 – 108 mm
		INOXPRES RANGE OF STAINLESS STEEL FITTINGS	1710345	Ø 15 – 108 mm
		SYSTÈMES DE CANALISATIONS DE DISTRIBUTION D'EAU - SYSTÈME INOXPRES	79 - 2217	Ø 15 – 108 mm
		ATTESTATION DE CONFORMITE SANITAIRE - SYSTÈME INOXPRES	14 ACC LY 079	Ø 15 – 108 mm
		PRESSFITTINGS TIL RUSTFRI STÅLRØR INOXPRES RUSTFRI STÅLRØR TIL BRUGSVANDSINSTALLATIONER I BYGNING OG JORD INOXPRES	VA 1.22/19224 VA 1.12/18410	Ø 15 – 108 mm
		INOXPRES PIPES	02/00005	Ø 15 – 108 mm
		PRESSKOPPLINGAR FÖR ROSTFRIA STÅLRÖR	1174/99	Ø 15 – 108 mm
		STAINLESS STEEL PRESS FITTING - INOXPRES® - (WATER SUPPLY) STAINLESS STEEL TUBE - INOXPRES® - (WATER SUPPLY)	K40834/03 K40835/03	Ø 15 – 108 mm
		INOXPRES PRESSFITTINGSSYSTEM I RUSTFRITT STÅL	Nr. 1623	Ø 15 – 108 mm
		INOXPRES PRESSFITTINGSYSTEM	POCC IT. MH08.H26536	Ø 15 – 108 mm
		STAINLESS STEEL INOXPRES CRIMP FITTINGS (WATER SUPPLY)	TEST REPORT ZH 173	Ø 15 – 108 mm
		ROZSDAMENTES ACÉL CSÖVEK ÉS PRÉSIDOMOK INOXPRES	A-2156/2012	Ø 15 – 108 mm
		INOXPRES ELNEVEZÉSŰ FITTINGEK Ø 15-108 MM	KEF-4416-2/2016	Ø 15 – 108 mm
		LACZNIKI ZAPRASOWYWANE ZE STALI SYSTEMU INOXPRES I STEELPRES DO LACZENIA RUR ZE STALI	AT-15-7863/2014	Ø 15 – 108 mm
		ATEST HIGIENICZNY - INOXPRES	HK/W/0541/01/2015	Ø 15 – 108 mm
		RURY I KSZTAŁTKI DN 20 DO DN 65, ZE STALI NIERDZEWNEJ, SYSTEM INOXPRES	AT-1106-0269/2010/2015	Ø 22 – 76,1 mm
		SYSTEM OF STAINLESS STEEL PIPES AND STAINLESS COMPRESSING FITTINGS INOXPRES	AO 202/C5/2016	Ø 15 – 108 mm
		CONFORMITÀ AL DECRETO MINISTERIALE 174/2004	TIFQ-0311R99	Ø 15 – 108 mm
		WATER SUPPLY - METALLIC FITTINGS AND END CONNECTORS; STAINLESS STEEL PIPES AND TUBE FOR PRESSURE APPLICATIONS	WMK25928 WMK25929	Ø 15 – 108 mm

Certificazioni / Certifications

SETTORE NAVALE / SHIPYARD SECTOR

		PIPE COUPLING WITH O-RING SEAL INOXPRES SYSTEM	38058/A0 BV	∅ 15 – 108 mm
		TUBE FITTINGS – INOXPRES	P-14757	∅ 15 – 108 mm
		PRESS FIT SYSTEM OF COMPRESSION TYPE FOR PIPING SYSTEMS	15/20055	∅ 15 – 108 mm
		INOXPRES PIPE PENETRATION (STANDARD FIRE TEST) ∅ 15–108 MM	MED 1650182 – SASF160204	∅ 15 – 108 mm
		GIUNTI MECCANICI PER TUBOLATURE – INOXPRES MECHANICAL JOINTS FOR PIPES – INOXPRES	MAC - 011614CS/001 - 002	∅ 15 – 108 mm
		INOXPRES, PIPING SYSTEM AND FITTING	14-GE1273370-PDA	∅ 15 – 108 mm
		INOXPRES, MECHANICAL JOINTS	ML 16T00012	∅ 15 – 108 mm

Campi di applicazione / Fields of application



Acqua potabile
Potable water



Riscaldamento
Heating



Raffrescamento
Cooling



Solare termico con O-Ring FKM
Solar thermal with FKM O-Ring



Aria compressa
Compressed air



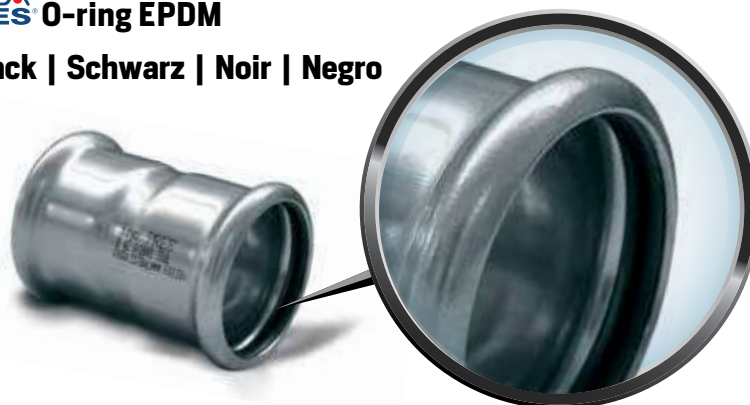
Antincendio
Fire protection systems



Acque di processo
Process water

inoxPRES O-ring EPDM


Nero | Black | Schwarz | Noir | Negro



**116/200 6 m**≤54 **B 30 31**76÷108 **B 30 32**≥139 **B 30 36****TUBO PER ACQUA POTABILE E GAS**

- PIPE FOR POTABLE WATER AND GAS
- ROHR FÜR TRINKWASSER UND GAS
- TUBE POUR L'EAU POTABLE ET LE GAZ
- TUBO PARA EL AGUA POTABLE Y EL GAS


NORM: EN 10217-7 (DIN 17455) - EN 10312**Mat. Nr.: 1.4404 (AISI 316L) L=6 m****Crudo - Not annealed - Ungeglüht - Non-hypertrempé - Crudo**

CODE	Dimensions mm x mm	Ø int mm	L m	 kg/m	Volume l/m	Minimum package m	Bundle m
116015200	15 x 1,0	13	6	0,351	0,133	60	1014
116018200	18 x 1,0	16	6	0,426	0,201	60	1014
116022200	22 x 1,2	19,6	6	0,625	0,302	60	762
116028200	28 x 1,2	25,6	6	0,805	0,514	30	546
116035200	35 x 1,5	32	6	1,258	0,804	30	546
116042200	42 x 1,5	39	6	1,521	1,194	30	366
116054200	54 x 1,5	51	6	1,972	2,042	30	366
116076200	76,1 x 2,0	72,1	6	3,711	4,080	6	114
116088200	88,9 x 2,0	84,9	6	4,352	5,660	6	114
116108200	108 x 2,0	104	6	5,308	8,490	6	114
NEW 116139200	139,7 x 2,0	135,7	6	6,896	14,460	6	6
NEW 116168200	168,3 x 2,0	164,3	6	8,328	21,200	6	6

**NEW****116/203 3 m**≤54 **B 30 31**76÷108 **B 30 32****TUBO PER ACQUA POTABILE E GAS**

- PIPE FOR POTABLE WATER AND GAS
- ROHR FÜR TRINKWASSER UND GAS
- TUBE POUR L'EAU POTABLE ET LE GAZ
- TUBO PARA EL AGUA POTABLE Y EL GAS

NORM: EN 10217-7 (DIN 17455) - EN 10312**Mat. Nr.: 1.4404 (AISI 316L) L=3 m****Crudo - Not annealed - Ungeglüht - Non-hypertrempé - Crudo**


CODE	Dimensions mm x mm	Ø int mm	L m	 kg/m	Volume l/m	Minimum package m
116015203	15 x 1,0	13	3	0,351	0,133	60
116018203	18 x 1,0	16	3	0,426	0,201	60
116022203	22 x 1,2	19,6	3	0,625	0,302	36
116028203	28 x 1,2	25,6	3	0,805	0,514	30
116035203	35 x 1,5	32	3	1,258	0,804	18
116042203	42 x 1,5	39	3	1,521	1,194	12
116054203	54 x 1,5	51	3	1,972	2,042	12
116076203	76,1 x 2,0	72,1	3	3,711	4,080	6
116088203	88,9 x 2,0	84,9	3	4,352	5,660	6
116108203	108 x 2,0	104	3	5,308	8,490	6

**116/300 6 m**
≤54 B 30 31
76÷108 B 30 32
TUBO PER ACQUA POTABILE E GAS

- PIPE FOR POTABLE WATER AND GAS
- ROHR FÜR TRINKWASSER UND GAS
- TUBE POUR L'EAU POTABLE ET LE GAZ
- TUBO PARA EL AGUA POTABLE Y EL GAS

NORM: EN 10217-7 (DIN 17455) - EN 10312

Mat. Nr.: 1.4404 (AISI 316L) L=6 m
Ricotto - Annealed - Geglüht - Hypertrempé - Recocido


CODE	Dimensions mm x mm	Ø int mm	L m	 kg/m	Volume l/m	Minimum package m	Bundle m
116015300	15 x 1,0	13	6	0,351	0,133	60	1014
116018300	18 x 1,0	16	6	0,426	0,201	60	1014
116022300	22 x 1,2	19,6	6	0,625	0,302	60	762
116028300	28 x 1,2	25,6	6	0,805	0,514	30	546
116035300	35 x 1,5	32	6	1,258	0,804	30	546
116042300	42 x 1,5	39	6	1,521	1,194	30	366
116054300	54 x 1,5	51	6	1,972	2,042	30	366
116076300	76,1 x 2,0	72,1	6	3,711	4,080	6	114
116088300	88,9 x 2,0	84,9	6	4,352	5,660	6	114
116108300	108 x 2,0	104	6	5,308	8,490	6	114

**116/030 6 m****B 30 33****TUBO PER ACQUA POTABILE**

- TUBE FOR POTABLE WATER
- ROHR FÜR TRINKWASSER
- TUBE POUR L'EAU POTABLE
- TUBO PARA EL AGUA POTABLE

NORM: EN 10217-7 (DIN 17455) - EN 10312

Mat. Nr.: 1.4521 (AISI 444) L=6 m
Ricotto - Annealed - Geglüht - Hypertrempé - Recocido

CODE	Dimensions mm x mm	Ø int mm	L m	 kg/m	Volume l/m	Minimum package m	Bundle m
116015030	15 x 1,0	13	6	0,351	0,133	60	1014
116018030	18 x 1,0	16	6	0,426	0,201	60	1014
116022030	22 x 1,2	19,6	6	0,625	0,302	60	762
116028030	28 x 1,2	25,6	6	0,805	0,514	30	546
116035030	35 x 1,5	32	6	1,258	0,804	30	546
116042030	42 x 1,5	39	6	1,521	1,194	30	366
116054030	54 x 1,5	51	6	1,972	2,042	30	366

**114/200 6 m**


≤54 B 30 34

76÷108 B 30 35

**TUBO PER ARIA
COMPRESSA - SERIE 2**

- TUBE FOR COMPRESSED AIR - RANGE 2
- ROHR FÜR DRUCKLUFT - SERIE 2
- TUBE POUR L'AIR COMPRIMÉ - SÉRIE 2
- TUBO PARA AIRE COMPRIMIDO - SERIE 2

NORM: EN 10217-7 (DIN 17455)**Mat. Nr.: 1.4301 (AISI 304) L=6 m****Crudo - Not annealed - Ungeglüht - Non-hypertrempé - Crudo**

CODE	Dimensions mm x mm	Ø int mm	L m	 kg/m	Volume l/m	Minimum package m	Bundle m
114015200	15 x 1,0	13	6	0,351	0,133	60	1014
114018200	18 x 1,0	16	6	0,426	0,201	60	1014
114022200	22 x 1,2	19,6	6	0,625	0,302	60	762
114028200	28 x 1,2	25,6	6	0,805	0,514	30	546
114035200	35 x 1,5	32	6	1,258	0,804	30	546
114042200	42 x 1,5	39	6	1,521	1,194	30	366
114054200	54 x 1,5	51	6	1,972	2,042	30	366
114076200	76,1 x 2,0	72,1	6	3,711	4,080	6	114
114088200	88,9 x 2,0	84,9	6	4,352	5,660	6	114
114108200	108 x 2,0	104	6	5,308	8,490	6	114

**NEW****114/202 2 m**


≤54 B 30 34

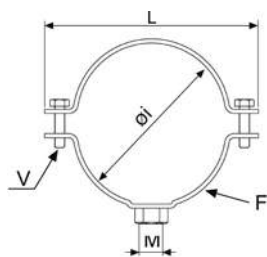
76÷108 B 30 35

**TUBO PER ARIA
COMPRESSA - SERIE 2**

- TUBE FOR COMPRESSED AIR - RANGE 2
- ROHR FÜR DRUCKLUFT - SERIE 2
- TUBE POUR L'AIR COMPRIMÉ - SÉRIE 2
- TUBO PARA AIRE COMPRIMIDO - SERIE 2

NORM: EN 10217-7 (DIN 17455)**Mat. Nr.: 1.4301 (AISI 304) L=2 m****Crudo - Not annealed - Ungeglüht - Non-hypertrempé - Crudo**

CODE	Dimensions mm x mm	Ø int mm	L m	 kg/m	Volume l/m	Minimum package m
114015202	15 x 1,0	13	2	0,351	0,133	60
114018202	18 x 1,0	16	2	0,426	0,201	60
114022202	22 x 1,2	19,6	2	0,625	0,302	30
114028202	28 x 1,2	25,6	2	0,805	0,514	30
114035202	35 x 1,5	32	2	1,258	0,804	18
114042202	42 x 1,5	39	2	1,521	1,194	12
114054202	54 x 1,5	51	2	1,972	2,042	12
114076202	76,1 x 2,0	72,1	2	3,711	4,080	6
114088202	88,9 x 2,0	84,9	2	4,352	5,660	6
114108202	108 x 2,0	104	2	5,308	8,490	6



156

A 50 50

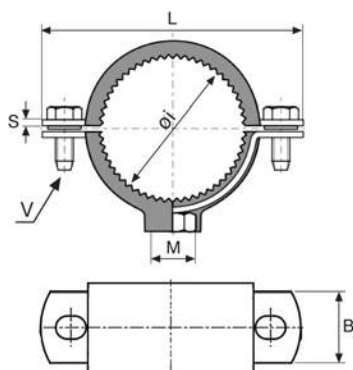
COLLARE PER TUBO INOXPRES

- CLAMP FOR INOXPRES PIPE
- ROHRSCHELLE FÜR INOXPRES ROHR
- COLLIER POUR TUBE INOXPRES
- ABRAZADERA PARA TUBO INOXPRES

MATERIAL: AISI 304 / W. 1.4301

NOTE: dado saldato con puntatura elettrica
 spot welded nut

CODE	di mm	M	F Lg x Sp mm	V mm	L mm	g	Box
156015304	15	M 8	20 x 2,5	M 6 x 20	48	54	50
156308304	18	M 8	20 x 2,5	M 6 x 20	53,5	60	50
156102304	22	M 8	20 x 2,5	M 6 x 20	58	68	50
156304304	28	M 8	20 x 2,5	M 6 x 20	63,5	74	50
156100304	35	M 8	20 x 2,5	M 6 x 20	70	82	50
156114304	42	M 8	20 x 2,5	M 6 x 20	79	92	50
156054304	54	M 8	20 x 2,5	M 6 x 20	94	108	50
156212304	76,1	M 10	30 x 2,5	M 6 x 25	115	205	20
156300304	88,9	M 10	30 x 2,5	M 6 x 25	128	230	20
156108304	108	M 10	30 x 2,5	M 6 x 25	149	268	20



Conforme a
 Conform to
 Entsprechend
 Correspondant
 Conforme a la

DIN 4109

156/G

A 50 50

COLLARE GOMMA PER TUBO INOXPRES

- CLAMP WITH RUBBER FOR INOXPRES PIPE
- ROHRSCHELLE MIT GUMMIEINLAGE FÜR INOXPRES ROHR
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE POUR TUBE INOXPRES
- ABRAZADERA ISOFÓNICA PARA TUBO INOXPRES

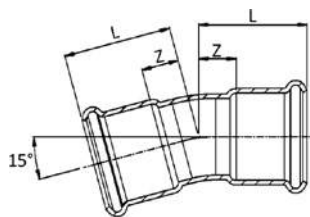
VULCANIZED RUBBER: EPDM (-20°
 C/+120° C)
 durezza/hardness
 55 Shore

MATERIAL: AISI 304 / W. 1.4301

NOTE: dado saldato con puntatura elettrica
 spot welded nut

CODE	M	di mm	V mm	B mm	S mm	L mm	g	Box
156150304G	M 8	15	M 6 x 20	20	2	58	72	50
156308304G	M 8	18	M 6 x 20	20	2	58	76	50
156102304G	M 8	22	M 6 x 20	20	2	63,5	86	50
156304304G	M 8	28	M 6 x 20	20	2	70	94	50
156100304G	M 8	35	M 6 x 20	20	2	79	112	50
156114304G	M 8	42	M 6 x 20	20	2	85	120	50
156112304G	M 8	54	M 6 x 20	20	2	97	142	50
156212304G	M 10	76,1	M 6 x 25	30	2	128	308	10
156300304G	M 10	88,9	M 6 x 25	30	2	148	346	10
156108304G*	M 8/10	108	M 6 x 20	20	2	168	160	10

*Gomma staccabile - Detachable rubber - Abnehmbare Gummi - Caoutchouc amovible - Goma desmontable




**181/150**

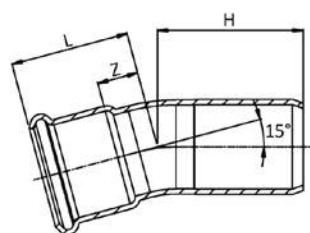
≤54 B 10 11
76÷108 B 10 12

CURVA 15° FF

- 15° ELBOW FF
- BOGEN 15° II
- COUDE FF 15°
- CURVA 15° HH

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm			
181015150	15	30	10	50	20	300
NEW 181018150	18	32	12	52	20	300
181022150	22	33	12	82	20	100
181028150	28	36	13	112	10	100
181035150	35	37	11	123	10	60
181042150	42	42	12	175	4	40
181054150	54	49	12	268	2	20
181076150	76,1	186	131	900	2	2
181088150	88,9	211	147	1250	2	2
181108150	108	247	169	1700	2	2




**181/151**

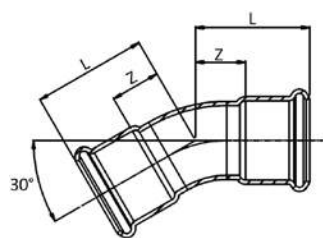
≤54 B 10 11
76÷108 B 10 12

CURVA 15° MF

- 15° ELBOW MF
- BOGEN 15° IA
- COUDE MF 15°
- CURVA 15° HM

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	H mm	Z mm			
181015151	15	30	40	10	50	20	300
181022151	22	33	41	12	82	20	100
181028151	28	36	43	13	112	10	100
181035151	35	37	41	11	133	10	60
181042151	42	42	47	12	195	4	40
181054151	54	49	55	13	293	2	20
181076151	76,1	186	194	131	900	2	2
181088151	88,9	211	219	147	1250	2	2
181108151	108	247	256	169	1700	2	2



181/300

≤54 B 10 11
 76÷108 B 10 12

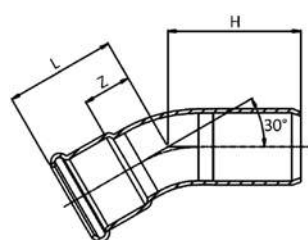
CURVA 30° FF

- 30° ELBOW FF
- BOGEN 30° II
- COUDE FF 30°
- CURVA 30° HH

MATERIAL: AISI 316L - 1.4404

O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm			
181015300	15	33	13	50	20	300
NEW 181018300	18	32	12	52	20	300
181022300	22	37	16	82	20	100
181028300	28	41	18	112	10	100
181035300	35	37	11	123	10	60
181042300	42	44	14	175	4	40
181054300	54	52	17	268	2	20
181076300	76,1	100	55	900	2	2
181088300	88,9	115	64	1250	2	2
181108300	108	127	68	1700	2	2



181/301

≤54 B 10 11
 76÷108 B 10 12

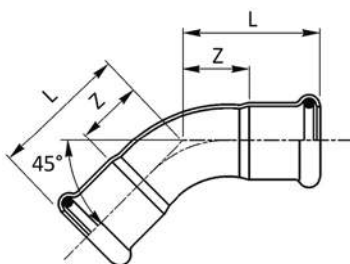
CURVA 30° MF

- 30° ELBOW MF
- BOGEN 30° IA
- COUDE MF 30°
- CURVA 30° HM

MATERIAL: AISI 316L - 1.4404

O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	H mm	Z mm			
181015301	15	33	43	13	50	20	300
181022301	22	37	46	16	82	20	100
181028301	28	41	48	18	112	10	100
181035301	35	37	46	11	133	10	60
181042301	42	44	54	14	195	4	40
181054301	54	52	63	17	293	2	20
181076301	76,1	100	108	55	900	2	2
181088301	88,9	115	123	64	1250	2	2
181108301	108	127	136	68	1700	2	2

**181/450****CURVA 45° FF**




- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

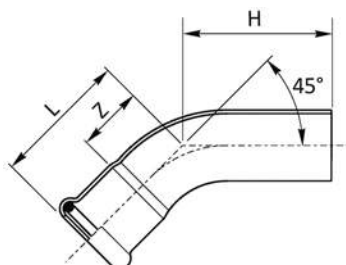
MATERIAL: AISI 316L - 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro

≤54 B 10 11

76÷108 B 10 12

≥139 B 10 17

CODE	De mm	L mm	Z mm			
181015450	15	36	16	50	20	300
181018450	18	37	17	64	20	300
181022450	22	41	20	82	20	100
181028450	28	47	24	112	10	100
181035450	35	43	17	127	10	60
181042450	42	51	21	177	4	40
181054450	54	62	30	273	2	20
181076450	76,1	131,5	76,5	900	2	2
181088450	88,9	144	84	1250	2	2
181108450	108	169	94	1700	2	2
NEW 181139450	139,7	203	108	3052	1	1
NEW 181168450	168,3	252	139	4556	1	1

**181/451****CURVA 45° MF**




- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

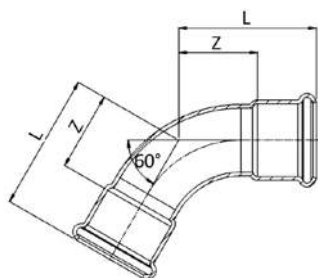
MATERIAL: AISI 316L - 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro

≤54 B 10 11

76÷108 B 10 12

≥139 B 10 17

CODE	De mm	L mm	H mm	Z mm			
181015451	15	36	49	16	50	20	300
181018451	18	37	43	17	64	20	300
181022451	22	41	48	20	82	20	100
181028451	28	47	54,5	22	112	10	100
181035451	35	43	57,5	17	132	10	60
181042451	42	51	72	21	196	4	40
181054451	54	62	82	26	296	2	20
181076451	76,1	131,5	149	76,5	900	2	2
181088451	88,9	144	159	84	1250	2	2
181108451	108	169	199	94	1700	2	2
NEW 181139451	139,7	203	210	108	2947	1	1
NEW 181168451	168,3	252	139	253	4346	1	1



181/600

≤54 B 10 11
 76÷108 B 10 12

CURVA 60° FF

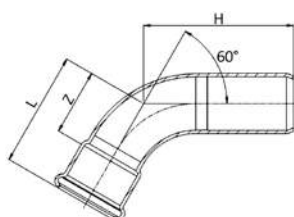
- 60° ELBOW FF
- BOGEN 60° II
- COUDE FF 60°
- CURVA 60° HH

MATERIAL: AISI 316L - 1.4404

O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm			
181015600	15	30,5	10,5	41	20	300
181018600	18	32	12	50	20	300
181022600	22	36	15	68	20	100
181028600	28	42	19	98	10	100
181035600	35	50	24	141	10	60
181042600	42	59	29	204	4	40
181054600	54	72,5	37	313	2	20
181076600	76,1	146,5	91,5	1178	2	2
181088600	88,9	162	102	1517	2	2
181108600	108	190	115	2194	2	2

NEW



181/601

≤54 B 10 11
 76÷108 B 10 12

CURVA 60° MF

- 60° ELBOW MF
- BOGEN 60° IA
- COUDE MF 60°
- CURVA 60° HM

MATERIAL: AISI 316L - 1.4404

O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	H mm	Z mm			
181015601	15	30,5	39	10,5	40	20	300
181022601	22	36	46	15	68	20	100
181028601	28	42	51	19	98	10	100
181035601	35	50	64	24	149	10	60
181042601	42	59	80	29	220	4	40
181054601	54	72,5	92,5	37	332	2	20
181076601	76,1	146,5	164	91,5	1179	2	2
181088601	88,9	162	177	102	1503	2	2
181108601	108	190	205	115	2148	2	2

inoxPRES®

OVER SIZE!

AISI 316L Stainless Steel

5" - 6"

Ø 139,7

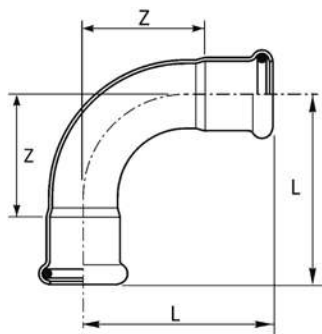
Ø 168,3



ROMO
RACCORDERIE METALLICHE

***DISPONIBILI DAL PRONTO A PARTIRE DAL 01.04.2018**

***AVAILABLE IN STOCK FROM 1ST APRIL 2018**



181/900

CURVA 90° FF

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: AISI 316L - 1.4404

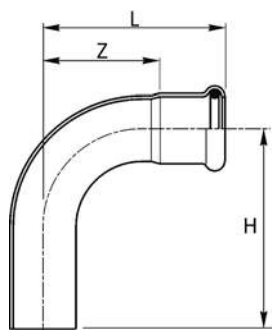
O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 B 10 11

76÷108 B 10 12

≥139 B 10 17

CODE	De mm	L mm	Z mm			
181015900	15	50	30	58	20	300
181018900	18	54	34	72	20	200
181022900	22	60	39	102	10	100
181028900	28	73	50	143	10	50
181035900	35	68	42	162	5	50
181042900	42	80	50	231	2	30
181054900	54	100	64	367	2	18
181076900	76,1	160	105	1150	2	2
181088900	88,9	182	122	1580	2	2
181108900	108	220	145	2250	2	2
NEW 181139900	139,7	314	219	4082	1	1
NEW 181168900	168,3	386	273	6059	1	1



181/901

CURVA 90° MF

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: AISI 316L - 1.4404

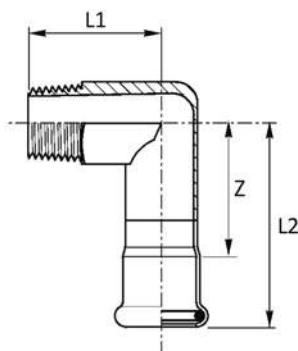
O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 B 10 11

76÷108 B 10 12

≥139 B 10 17

CODE	De mm	L mm	H mm	Z mm			
181015901	15	50	63	30	58	20	300
181018901	18	54	63	34	72	20	200
181022901	22	60	71	39	102	10	100
181028901	28	73	81	50	143	10	50
181035901	35	68	82	42	176	5	50
181042901	42	80	101	50	253	2	30
181054901	54	100	120	64	390	2	18
181076901	76,1	160	180	105	1150	2	2
181088901	88,9	182	197	122	1580	2	2
181108901	108	220	236	145	2250	2	2
NEW 181139901	139,7	314	322	219	3984	1	1
NEW 181168901	168,3	386	404	273	5991	1	1



197

GOMITO MISTO 90° FILETTO M

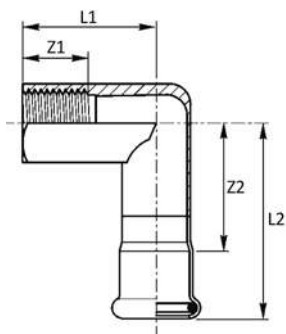
- ELBOW ADAPTER 90° WITH MALE THREAD
- ÜBERGANGSWINKEL 90° AG
- EQUERRE 90° AVEC FILETAGE M
- CODO MACHO

MATERIAL: AISI 316L - 1.4404

O-RING: EPDM nero - black - Schwarz - noir - negro

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z mm			
197102015	15 x 1/2"	37	57	37	94	10	200
197102018	18 x 1/2"	37	57	38	105	10	200
197102022	22 x 1/2"	39	58,5	37,5	149	10	100
197304022	22 x 3/4"	39	61	40	149	10	100
197304028	28 x 3/4"	39	61	38	230	5	50
197100028	28 x 1"	44	68	45	246	5	50
197114035	35 x 1 1/4"	49	75	49	378	5	40
197112042	42 x 1 1/2"	54	84	54	468	2	30
197200054	54 x 2"	60	95	60	720	2	20



198

GOMITO MISTO 90° FILETTO F

- ELBOW ADAPTER 90° WITH FEMALE THREAD
- ÜBERGANGSWINKEL 90° IG
- EQUERRE 90° AVEC FILETAGE F
- CODO HEMBRA

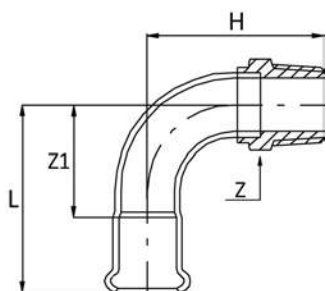
MATERIAL: AISI 316L - 1.4404

O-RING: EPDM nero - black - Schwarz - noir - negro

THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm			
198102015	15 x 1/2"	38	57	15	37	104	10	200
198304015	15 x 3/4"	34	38	15	18	110	10	200
198102018	18 x 1/2"	39	58	15	38	120	10	200
198102022	22 x 1/2"	41	58,5	15	37,5	172	10	100
198304022	22 x 3/4"	46	61	19	40	172	10	100
198102028	28 x 1/2"	44	62	15	39	200	5	50
198100028	28 x 1"	54	68	19	45	304	5	50
198114035	35 x 1 1/4"	63	75	21	49	420	5	40
198112042	42 x 1 1/2"	70,5	84	27	54	480	2	20
198200054	54 x 2"	80	95	32	60	730	2	10

B 10 11



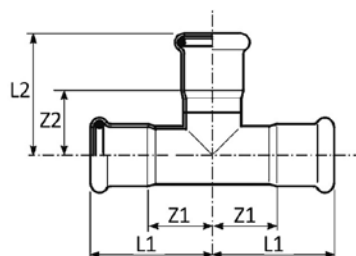
186

CURVA FILETTATA 90° FILETTO M

- 90° ELBOW BSP
- BOGEN 90° MIT AG
- COUDE 90° AVEC FILETAGE M
- CODO A 90° MF

MATERIAL: AISI 316L - 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Z1 mm	H mm			
186102015	15 x 1/2"	50	24	30	54	56	20	300
186102018	18 x 1/2"	54	24	34	59	70	20	200
186304022	22 x 3/4"	60	30	39	69	92	10	100
186100028	28 x 1"	73	36	50	80	133	10	50
186100035	35 x 1"	68	41	42	85	277	5	50
186114035	35 x 1 1/4"	68	46	42	89	324	5	40
186114042	42 x 1 1/4"	80	50	50	107	438	2	20
186112042	42 x 1 1/2"	80	55	50	107	340	2	20
186200054	54 x 2"	100	65	65	141,5	515	2	12



182

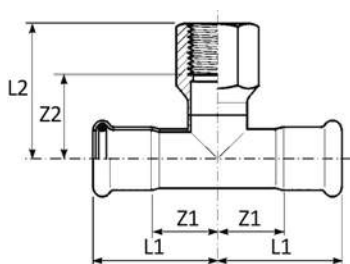
≤54 B 10 11
76÷108 B 10 12
≥139 B 10 17

"T"

- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: AISI 316L - 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm			
182015000	15	34	39	14	19	67	20	200
182018000	18	37	41	16	21	80	20	100
182022000	22	39	45	18	24	106	10	100
182028000	28	44	50	21	27	145	10	50
182035000	35	51	57	25	31	201	4	32
182042000	42	59	65	28	35	260	4	20
182054000	54	70	77	34	42	404	2	12
182076000	76,1	108	118	52	63	1275	2	2
182088000	88,9	132	131	72	71	1535	2	2
182108000	108	155	159	74	84	2115	2	2
NEW 182139000	139,7	197	222	102	127	4129	1	1
NEW 182168000	168,3	257	268	144	155	6321	1	1



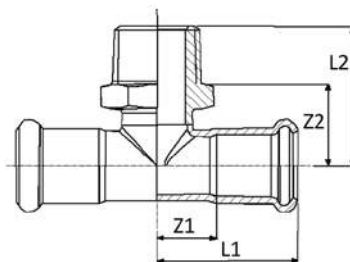
189

≤54 B 10 11
76÷108 B 10 12
“T” CON DERIVAZIONE FILETTO F

- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm			
189102015	15 x 1/2" x 15	34	40	13	25	90	20	100
189102018	18 x 1/2" x 18	37	42	16	27	101	20	100
189304018	18 x 3/4" x 18	37	45	16	28	122	20	100
189102022	22 x 1/2" x 22	39	44	18	29	138	10	100
189304022	22 x 3/4" x 22	39	47	18	31	143	10	100
189102028	28 x 1/2" x 28	44	47	21	32	169	10	50
189304028	28 x 3/4" x 28	44	50	21	33	185	10	50
189100028	28 x 1" x 28	44	53	21	34	246	5	50
189102035	35 x 1/2" x 35	51	51	25	36	197	5	50
189304035	35 x 3/4" x 35	51	54	25	37	205	5	40
189100035	35 x 1" x 35	51	56	25	37	282	5	40
189102042	42 x 1/2" x 42	59	54	29	39	271	4	32
189304042	42 x 3/4" x 42	59	57	29	41	277	4	32
189100042	42 x 1" x 42	59	60	29	41	346	4	32
189102054	54 x 1/2" x 54	70	61	34	46	377	2	14
189304054	54 x 3/4" x 54	70	64	34	48	391	2	14
189200054	54 x 2" x 54	70	81	34	55	838	2	10
189304076	76,1 x 3/4" x 76,1	108	77	52	60	1040	2	2
189200076	76,1 x 2" x 76,1	108	93	52	67	1495	2	2
189304088	88,9 x 3/4" x 88,9	132	84	72	67	1255	2	2
189200088	88,9 x 2" x 88,9	132	100	72	74	1720	2	2
189304108	108 x 3/4" x 108	155	94	74	77	1700	2	2
189200108	108 x 2" x 108	155	110	74	84	2160	2	2



189/M

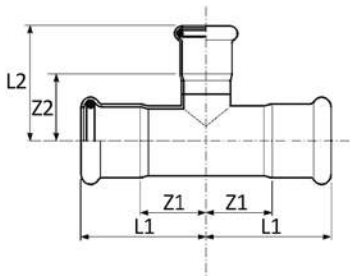
B 10 11

“T” CON DERIVAZIONE FILETTO M

- BRANCH TEE MALE BSP OUTLET
- T-STÜCK MIT ABGANG AG
- TÉ MIXTE AVEC FILETAGE M
- TE ROSCADO MACHO

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x R x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm			
189102015M	15 x 1/2" x 15	34,5	34	14,5	20	80	20	100



192

"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: AISI 316L - 1.4404

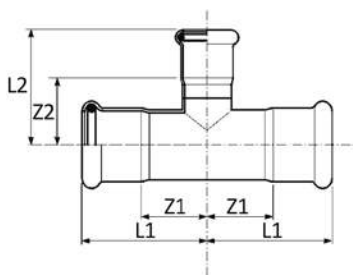
O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 B 10 11

76÷108 B 10 12

≥139 B 10 17

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm			
192018015	18 x 15 x 18	36,5	41	15,5	21	80	20	100
192022015	22 x 15 x 22	39	43	18	23	95	10	100
192022018	22 x 18 x 22	39	44	18	23	98	10	100
192028015	28 x 15 x 28	44	46	21	26	126	10	50
192028018	28 x 18 x 28	44	46	21	26	130	10	50
192028022	28 x 22 x 28	44	47	21	26	135	10	50
192035015	35 x 15 x 35	51	49	25	29	158	5	50
192035018	35 x 18 x 35	51	50	25	30	163	5	50
192035022	35 x 22 x 35	51	51	25	30	167	5	50
192035028	35 x 28 x 35	51	54	25	31	171	5	35
192042018	42 x 18 x 42	59	54	29	34	232	4	20
192042022	42 x 22 x 42	59	54	29	33	237	4	20
192042028	42 x 28 x 42	59	57	29	34	243	4	20
192042035	42 x 35 x 42	59	61	29	35	272	4	20
192054018	54 x 18 x 54	70	61	54	41	335	2	16
192054022	54 x 22 x 54	70	62	34	41	340	2	16
192054028	54 x 28 x 54	70	65	34	42	345	2	16
192054035	54 x 35 x 54	70	68	34	42	361	2	16
192054042	54 x 42 x 54	70	72	34	42	376	2	16
192076022	76,1 x 22 x 76,1	108	74	52	53	995	2	2
192076028	76,1 x 28 x 76,1	108	77	52	54	1015	2	2
192076035	76,1 x 35 x 76,1	108	80	52	54	1025	2	2
192076042	76,1 x 42 x 76,1	108	84	52	54	1045	2	2
192076054	76,1 x 54 x 76,1	108	90	52	55	1065	2	2
192088022	88,9 x 22 x 88,9	132	81	72	60	1220	2	2
192088028	88,9 x 28 x 88,9	132	84	72	61	1225	2	2
192088035	88,9 x 35 x 88,9	132	88	72	62	1245	2	2
192088042	88,9 x 42 x 88,9	132	91	72	61	1255	2	2
192088054	88,9 x 54 x 88,9	132	97	72	62	1280	2	2
192088076	88,9 x 76,1 x 88,9	132	125	72	70	1485	2	2
192108022	108 x 22 x 108	155	91	74	70	1665	2	2
192108028	108 x 28 x 108	155	94	74	71	1670	2	2
192108035	108 x 35 x 108	155	97	74	71	1775	2	2
192108042	108 x 42 x 108	155	101	74	71	1865	2	2
192108054	108 x 54 x 108	155	107	74	72	1925	2	2
192108076	108 x 76,1 x 108	155	135	74	80	1930	2	2
192108088	108 x 88,9 x 108	155	141	74	81	1965	2	2

**192**

≤54 B 10 11

76÷108 B 10 12

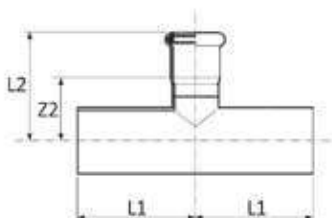
≥139 B 10 17

“T” RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: AISI 316L - 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro

	CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm			
NEW	192139076	139,7 x 76,1 x 139,7	197	155	102	100	3340	1	1
NEW	192139088	139,7 x 88,9 x 139,7	197	164	102	104	3435	1	1
NEW	192139108	139,7 x 108 x 139,7	197	180	102	105	3631	1	1
NEW	192168076	168,3 x 76,1 x 168,3	257	169	144	114	5050	1	1
NEW	192168088	168,3 x 88,9 x 168,3	257	178	144	118	5146	1	1
NEW	192168108	168,3 x 108 x 168,3	257	194	144	119	5340	1	1
NEW	192168139	168,3 x 139,7 x 168,3	257	221	144	126	5681	1	1



NEW

188

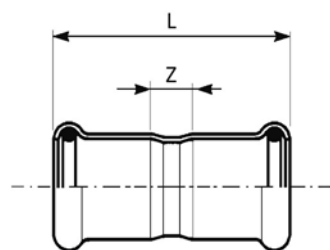
B 10 11

“T” RIDOTTO MFM

- REDUCING TEE MFM
- T-STÜCK MIT REDUZIERTEM ABGANG A/I/A
- TÉ RÉDUIT MFM
- TE REDUCIDA MHM

MATERIAL: AISI 316L - 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro

	CODE	De mm	L1 mm	L2 mm	Z2 mm			
	188028022	28 x 22 x 28	52,5	47	26	134	10	50
	188035022	35 x 22 x 35	60	50,5	29,5	180	5	50
	188035028	35 x 28 x 35	60	53,5	30,5	190	5	35
	188042028	42 x 28 x 42	69	57	34	249	4	20
	188054028	54 x 28 x 54	73,5	64,5	41,5	330	2	16



183/000

MANICOTTO

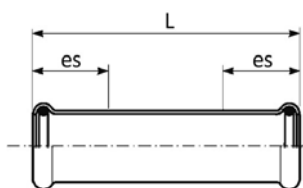
- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: AISI 316L - 1.4404

O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 **B 10 11**
 76÷108 **B 10 12**
 ≥139 **B 10 17**

CODE	De mm	L mm	Z mm			
183015000	15	49	9	35	20	500
183018000	18	50	10	42	20	300
183022000	22	53	11	54	20	200
183028000	28	56	10	71	10	150
183035000	35	63	10	97	10	100
183042000	42	72	12	136	4	60
183054000	54	83	13	198	2	24
183076000	76,1	142	32	635	4	4
183088000	88,9	166	46	765	4	4
183108000	108	203	41	1170	2	2
NEW 183139000	139,7	250	60	2031	1	1
NEW 183168000	168,3	300	74	2936	1	1



183/001

MANICOTTO PASSANTE

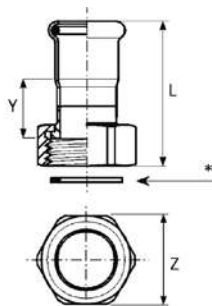
- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: AISI 316L - 1.4404

O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 **B 10 11**
 76÷108 **B 10 12**

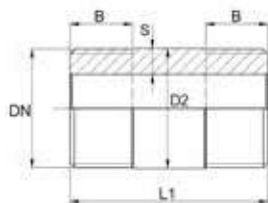
CODE	De mm	L mm	es			
183015001	15	69	25	56	20	200
183018001	18	73	25	65	20	200
183022001	22	79	25	85	20	100
183028001	28	88,5	30	118	10	100
183035001	35	102,5	30	141	10	50
183042001	42	117,5	40	234	4	40
183054001	54	139	40	321	2	20
183076001	76,1	230	60	940	2	2
183088001	88,9	260	70	1240	2	2
183108001	108	310	80	1835	2	2

**183/002****MANICOTTO CON DADO FOLLE**

- VALVE CONNECTOR
- ANSCHLUSSVERSCHRAUBUNG
- RACCORD ÉCROU LIBRE
- RÁCOR DOS PIEZAS

MATERIAL: AISI 316L - 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro**GASKET:** [*]: EPDM nero - black - Schwarz - noir - negro**THREAD:** ISO 228/1 (ex DIN 259)

CODE	De x G mm x inch	L mm	Z mm	Y mm	Gasket mm			
183015012	15 x 1/2"	48,5	27	23	18x10 thk 2,5	83	10	250
183015002	15 x 3/4"	50	30	23	24x14 thk 2,5	66	10	250
183018012	18 x 1/2"	49	27	23,5	18x10 thk 2,5	91	10	250
183018002	18 x 3/4"	50	30	23,5	24x14 thk 2,5	65	10	250
183022012	22 x 3/4"	50	30	19,5	24x14 thk 2,5	78	10	200
183022002	22 x 1"	52	36	23	30x20 thk 2,5	87	10	200
183028012	28 x 1"	52	36	19,5	30x20 thk 2,5	105	10	150
183028002	28 x 1 1/4"	57	46	25	39x27 thk 2,5	136	10	150
183028022	28 x 1 1/2"	59	52	22,5	44,5x27 thk 2,5	197	10	150
183035012	35 x 1 1/4"	57,5	46	20,5	39x27 thk 2,5	163	4	60
183035002	35 x 1 1/2"	63	52	26	44,5x34 thk 2,5	186	4	60
183042022	42 x 1 1/2"	63,5	52	21	44,5x34 thk 2,5	217	2	30
183042012	42 x 1 3/4"	68	58	27	50,5x42 thk 2,5	223	2	30
183042002	42 x 2"	68	64	27	56x42 thk 2,5	266	2	30
183054022	54 x 2"	72	67	23	56x42 thk 2,5	301	2	20
183054012	54 x 2 3/8"	77	75	30	65,5x53 thk 3	375	2	20
183054002	54 x 2 1/2"	77	81	30	71,5x53 thk 3	439	2	20

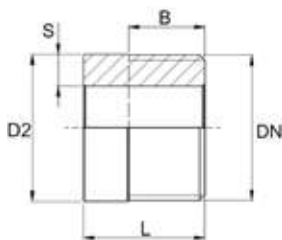
**NEW****530/I Inoxpres****VITE DI ALLUNGAMENTO (BARILOTTO)**

- BARREL NIPPLE
- ROHRDOPPELNIPPEL
- MAMELON
- ENTRONQUE DOBLE

MATERIAL: AISI 316 - 1.4401**THREAD:** ISO 228/1 (ex DIN 259)

CODE	DN inch	L1 mm	S mm	B mm	D2 mm			
530100070I	1"	70	7,9	22	33,8	347	1	24
530114070I	1 1/4"	70	9,2	22	42,4	522	1	24
530112070I	1 1/2"	70	8,7	22	48,3	586	1	24
530134070I	1 3/4"	70	8	22	54	635	1	24
530238070I	2 3/8"	70	10	22	70	1026	1	16

B1011



NEW

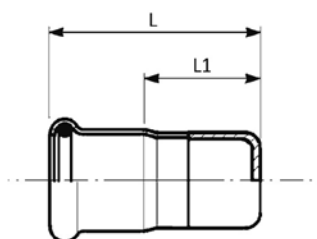
600/I Inoxpres

TRONCHETTO

- WELDING NIPPLE
- ANSCHWEISSENDE
- DEMI MAMELON
- ENTRONQUE

MATERIAL: AISI 316 - 1.4401
THREAD: ISO 228/1 (ex DIN 259)

CODE	DN inch	L mm	S mm	B mm	D2 mm			
600100035I	1"	35	7,9	22	33,8	174	1	100
600114035I	1"1/4	35	9,2	22	42,4	261	1	50
600112035I	1"1/2	35	8,7	22	48,3	293	1	50
600134035I	1"3/4	35	8	22	54	318	1	50
600238035I	2"3/8	35	10	22	70	513	1	20



183/003

TAPPO DI CHIUSURA

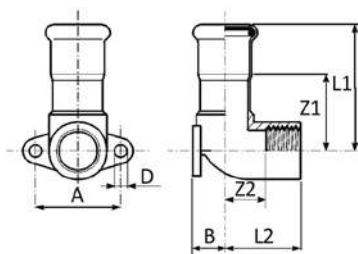
- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

MATERIAL: AISI 316L - 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 **B1011**
 76÷108 **B1012**
 ≥139 **B1017**

CODE	De mm	L mm	L1 mm			
183015003	15	44	24	32	20	500
183018003	18	44	24	38	20	300
183022003	22	45	24	51	10	200
183028003	28	48	25	68	10	150
183035003	35	52	26	95	5	100
183042003	42	56	26	126	4	80
183054003	54	62	27	185	4	40
183076003	76,1	93	38	540	2	10
183088003	88,9	99	39	630	2	10
183108003	108	117	42	935	2	2
NEW 183139003	139,7	162	67	1380	1	1
NEW 183168003	168,3	199	86	2038	1	1

B1011



185/000

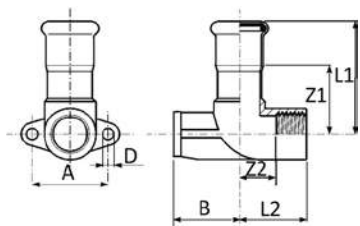
GOMITO MISTO 90° FF

- WALL PLATE ELBOW 90° FF
- DECKENWINKEL 90° I/I
- EQUERRE 90° FF
- CODO PLACA HH

MATERIAL: AISI 316L - 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm			
185102015	15 x 1/2"	50	30	30	17	34	13	5	98	10	200
185102018	18 x 1/2"	51	30	31	17	34	13	5	109	10	200
185304022	22 x 3/4"	55	34	34	19	40	17	6	166	10	100

B 10 11

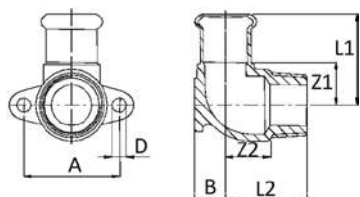
**185/001****GOMITO MISTO 90° FF CON DISTANZIALE**

- EXTENSION WALL PLATE ELBOW 90° FF
- DECKENWINKEL 90°/W - I/I
- EQUERRE 90° FF AVEC SUPPORT D'AVANCEMENT
- CODO PLACA HH CON ESPACIADOR

MATERIAL: AISI 316L - 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm			
185102115	15 x 1/2"	50	30	30	17	34	35	5	146	10	150
185102118	18 x 1/2"	51	30	31	17	34	35	5	142	10	150
185304122	22 x 3/4"	55	34	34	19	40	31	6	182	10	100

B 10 11

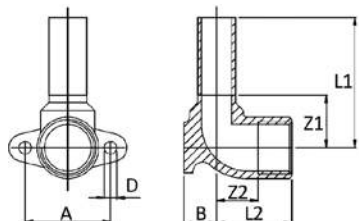
**185/002****GOMITO MISTO 90° FM**

- WALL PLATE ELBOW 90° FM
- DECKENWINKEL 90° I/A
- EQUERRE 90° FM
- CODO PLACA HM

MATERIAL: AISI 316L - 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm			
185304218	18 x 3/4"	38	34	18	19	40	13	6	160	10	100

B 10 11

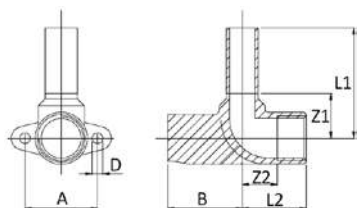
**185/000 M****GOMITO MISTO 90° MF**

- WALL PLATE ELBOW 90° MF
- DECKENWINKEL 90° A/I
- EQUERRE 90° MF
- CODO PLACA MH

MATERIAL: AISI 316L - 1.4404**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm			
185102015M	15 x 1/2"	52	30	21	16,5	34	13	5	100	10	200
185102018M	18 x 1/2"	52	30,5	21	17	34	12,5	5	95	10	200
185304022M	22 x 3/4"	55	34	24	19	40	17	6	144	10	100

B 10 11



185/001 M

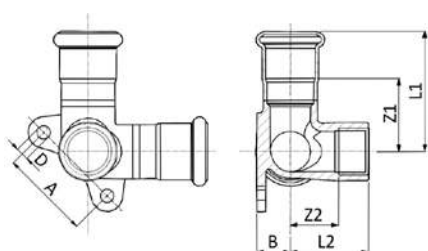
GOMITO MISTO 90° MF CON DISTANZIALE

- EXTENSION WALL PLATE ELBOW 90° MF
- DECKENWINKEL 90°/W A/I
- EQUERRE 90° MF AVEC SUPPORT D'AVANCEMENT
- CODO PLACA MH CON ESPACIADOR

MATERIAL: AISI 316L - 1.4404
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm			
185102115M	15 x 1/2"	52	30	21	16,5	34	35	5	135	10	150
185102118M	18 x 1/2"	52	30	21	16,5	34	35	5	130	10	150
185304122M	22 x 3/4"	55	34	24	19	40	31	6	166	10	100

B 10 11



185/003

RACCORDO TRE VIE CON FLANGIA E DERIVAZIONE FILETTO F

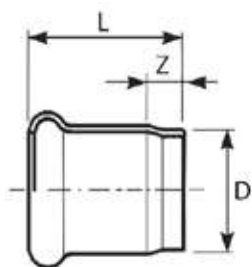
- CORNER TEE WITH WALL FLANGE
- INOXPRES-DOPPELWANDSCHEIBE
- EQUERRE MURALE AVEC FILETAGE FEMELLE
- RACOR TRES VÍAS CON BRIDA Y ROSCA HEMBRA

MATERIAL: AISI 316L - 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm			
185102315	15 x 1/2"	52	32	32	18,5	40	13	6	173	10	100
185102318	18 x 1/2"	52,5	32	32,5	18,5	40	13	6	182	10	50
185102322	22 x 1/2"	53,5	35	32,5	21,5	40	15	6	206	5	50

≤54 B 10 11

76÷108 B 10 12



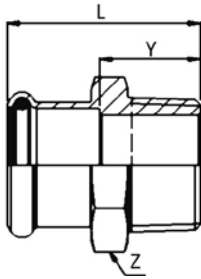
187/R

MEZZO MANICOTTO A SALDARE

- HALF WELDING COUPLING
- HALBE LAENGE SCHWEISSMUFFE
- DEMI MANCHON À SOUDER
- MEDIO MANGUITO PARA SOLDAR

MATERIAL: AISI 316L - 1.4404
O-RING: assente - absent - Abwesend - absent - ausente

CODE	De mm	L mm	Z mm	D mm			
187015000R	15	29	9	17,2	20	20	400
187018000R	18	29,5	9,5	20	24	20	300
187022000R	22	30,5	9,5	24	30	20	200
187028000R	28	33,5	10,5	30	40	10	200
187035000R	35	37,5	11,5	37	52	10	100
187042000R	42	41	11	44	74	10	50
187054000R	54	48	12	56	104	10	50
187076000R	76,1	74,5	19,5	76,1	308	4	24
187088000R	88,9	84	24	88,9	404	2	20
187108000R	108	100	25	108	614	1	4



187




≤54 B 10 11

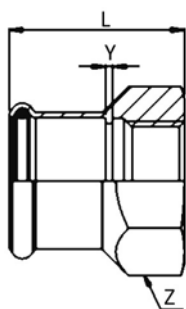
76÷108 B 10 12

**MANICOTTO MISTO
FILETTO M**

- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm			
187308015	15 x 3/8"	38	24	18	46	20	400
187102015	15 x 1/2"	41	24	21	54	20	300
187304015	15 x 3/4"	43	30	23	101	20	200
187102018	18 x 1/2"	41	27	21	58	20	300
187304018	18 x 3/4"	44	30	24	94	20	200
187102022	22 x 1/2"	42	32	21	83	10	200
187304022	22 x 3/4"	44	32	23	89	10	200
187100022	22 x 1"	46	36	25	154	10	100
NEW 187102028	28 x 1/2"	46	38	23	121	10	100
187304028	28 x 3/4"	47	38	24	114	10	100
187100028	28 x 1"	48	38	25	123	10	100
187114028	28 x 1 1/4"	53	46	30	248	10	100
187100035	35 x 1"	52	45	25	173	5	100
187114035	35 x 1 1/4"	55	46	28	180	5	50
187112035	35 x 1 1/2"	55	50	28	278	4	60
187114042	42 x 1 1/4"	59	54	28	240	4	40
187112042	42 x 1 1/2"	59	55	28	236	4	40
187112054	54 x 1 1/2"	65	65	29	356	4	32
187200054	54 x 2"	71	65	35	362	4	32
187212076	76,1 x 2 1/2"	124	80	69	780	2	8
187300088	88,9 x 3"	138	95	78	1135	2	4
187400108	108 x 4"	163	115	88	1728	2	2



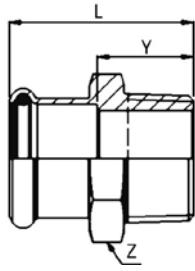
190

MANICOTTO MISTO FILETTO F

- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: AISI 316L - 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm			
190102015	15 x 1/2"	38	27	2	64	20	300
190304015	15 x 3/4"	39	32	2	75	20	300
190102018	18 x 1/2"	38	27	2	89	20	300
190304018	18 x 3/4"	39	32	2	80	10	200
190102022	22 x 1/2"	39	32	2	99	20	200
190304022	22 x 3/4"	40	32	2	82	10	150
190100022	22 x 1"	43	41	2	148	10	100
190102028	28 x 1/2"	41	38	2	161	10	100
190304028	28 x 3/4"	42	38	2	130	10	100
190100028	28 x 1"	45	41	2	158	10	100
190114028	28 x 1"1/4	48	46	2	148	10	100
190100035	35 x 1"	49	46	2	216	5	100
190114035	35 x 1"1/4	52	46	2	170	5	50
190112035	35 x 1"1/2	52	55	2	284	4	40
190114042	42 x 1"1/4	56	55	2	259	4	40
190112042	42 x 1"1/2	56	55	2	243	4	40
190112054	54 x 1"1/2	60	65	1	420	4	32
190200054	54 x 2"	65	65	2	314	4	20






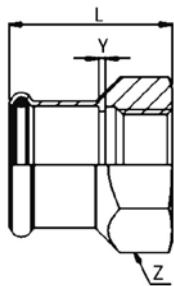
NEW

187 NPT**MANICOTTO MISTO FILETTO M NPT**

- MALE ADAPTER NPT
- ÜBERGANGSSTÜCK MIT AG NPT
- RACCORD AVEC FILETAGE MALE NPT
- UNIÓN MACHO NPT

MATERIAL: AISI 316L - 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro**THREAD:** NPT - ANSI B 1.20.1

CODE	De x R mm x inch	L mm	Z mm	Y mm			
18710215NPT	15 x 1/2"	41	24	21	60	20	300
18710218NPT	18 x 1/2"	41	27	21	63	20	300
18730422NPT	22 x 3/4"	44	32	23	93	10	200
18710028NPT	28 x 1"	48	48	25	133	10	100
18711435NPT	35 x 1 1/4"	55	46	28	205	5	50
18711242NPT	42 x 1 1/2"	59	55	28	268	4	40
18720054NPT	54 x 2"	71	65	35	405	4	32






NEW

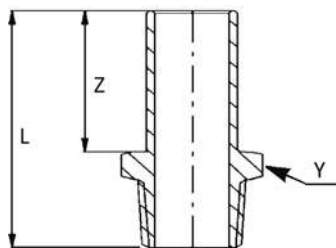
190 NPT**MANICOTTO MISTO FILETTO F NPT**

- FEMALE ADAPTER NPT
- ÜBERGANGSSTÜCK MIT IG NPT
- RACCORD AVEC FILETAGE FEMELLE NPT
- UNIÓN HEMBRA NPT

MATERIAL: AISI 316L - 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro**THREAD:** NPT - ANSI B 1.20.1

CODE	De x Rp mm x inch	L mm	Z mm	Y mm			
19010215NPT	15 x 1/2"	38	27	18	68	20	300
19010218NPT	18 x 1/2"	38	27	18	71	20	300
19030422NPT	22 x 3/4"	40	32	19	92	10	150
19010028NPT	28 x 1"	50	41	27	185	10	100
19011435NPT	35 x 1 1/4"	49	46	22	181	5	50
19011242NPT	42 x 1 1/2"	56	55	25	276	4	40
19020054NPT	54 x 2"	65	65	29	388	4	20

B1011



269/M

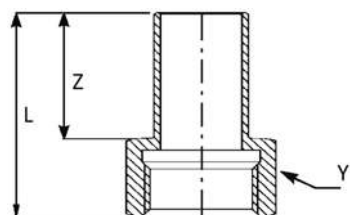
MANICOTTO CON INSERIMENTO FILETTO M

- MALE REDUCTION SOCKET
- ÜBERGANG AUSSERGEWINDE MIT EINSCHUBENDE
- MANCHON DE RÉDUCTION FILETÉ
- ADAPTADOR MACHO

MATERIAL: AISI 316L – 1.4404
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm			
269102115	15 x 1/2"	52	31	22	54	20	300
269102118	18 x 1/2"	52	31	22	57	20	300
269304118	18 x 3/4"	55	31	27	67	20	200
269102122	22 x 1/2"	55	32	27	90	10	150
269304122	22 x 3/4"	56	32	27	93	10	200
269304128	28 x 3/4"	61	37	30	94	10	150
269100128	28 x 1"	64	37	38	145	10	100
269114135	35 x 1 1/4"	72	41	46	238	4	40
269112142	42 x 1 1/2"	91	55	55	267	4	40
269200154	54 x 2"	127	83	70	380	4	32

B1011



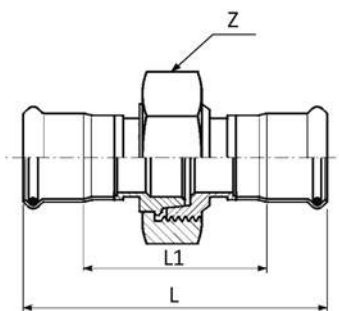
269/F

MANICOTTO CON INSERIMENTO FILETTO F

- FEMALE REDUCTION SOCKET
- ÜBERGANG INNENGEWINDE MIT EINSCHUBENDE
- MANCHON DE RÉDUCTION AVEC TARAUDAGE
- ADAPTADOR HEMBRA




MATERIAL: AISI 316L – 1.4404
THREAD: EN 10226-1 (ex ISO 7/1)

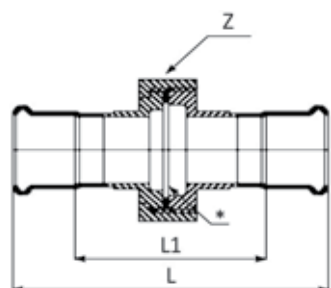
CODE	De x Rp mm x inch	L mm	Z mm	Y mm			
269102015	15 x 1/2"	52	31	24	55	20	300
269102018	18 x 1/2"	52	31	24	56	20	200
269304018	18 x 3/4"	51	31	30	57	20	200
269102022	22 x 1/2"	52	32	24	65	10	150
269304022	22 x 3/4"	52	32	30	70	10	200
269304028	28 x 3/4"	57	37	30	76	10	150
269100028	28 x 1"	57	35	36	104	10	100
269114035	35 x 1 1/4"	70	45	46	182	5	50
269112042	42 x 1 1/2"	118	78	55	280	4	40
269200054	54 x 2"	135	83	70	340	2	10

**184/000****BOCCHETTONE SEDE CONICA**

- CONICAL UNION
- DURCHGANGSVERSCHRAUBUNG MIT PRESSENDEN KONISCH
- ÉLÉMENT DE TRANSITION FILTÉ CONIQUE AVEC MANCHONS DES 2 CÔTES
- RÁCOR 3 PIEZAS CONICO




MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L mm	L1 mm	Z mm			
184015000	15	96	56	34	146	10	100
184018000	18	97	57	39	192	10	100
184022000	22	99	57	39	202	10	50
184028000	28	116	70	58	468	5	25
184035000	35	123	71	67	618	4	20
184042000	42	138	78	77	824	2	20
184054000	54	154	84	90	1178	2	10

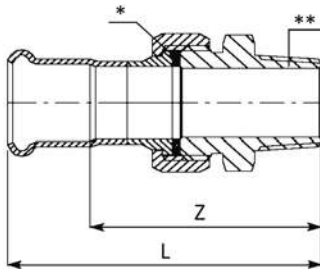
**184/001****BOCCHETTONE SEDE PIANA**

- FLAT FACED UNION
- DURCHGANGSVERSCHRAUBUNG MIT PRESSENDEN FLACHDICHTEND
- ÉLÉMENT DE TRANSITION FILTÉ PLAT AVEC MANCHONS DES 2 CÔTES
- RÁCOR 3 PIEZAS PLANO

MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro**GASKET:** [*]: EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L mm	L1 mm	Z mm	Gasket mm			
184015001	15	96	56	34	24x14 thk 2,5	146	10	120
184018001	18	97	57	39	30x20 thk 2,5	187	10	100
184022001	22	100	58	39	30x20 thk 2,5	194	10	100
184028001	28	117	71	58	47,5x37 thk 2,5	450	5	30
184035001	35	127	75	67	56x42 thk 2,5	617	4	20
184042001	42	140	80	77	66x56 thk 2,5	797	2	20
184054001	54	152	82	90	79,5x69 thk 2,5	1176	2	10

B1011



184/002

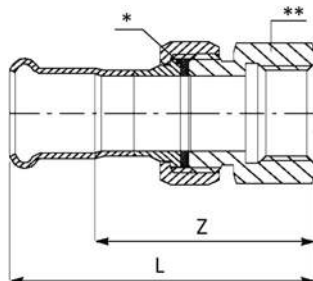
BOCCHETTONE SEDE PIANA FILETTO M

- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO

MATERIAL: AISI 316L - 1.4404
FITTING: [**]: ottone - brass - Messing - laiton - latón
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: [*]: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Gasket mm			
184015002	15 x 1/2"	76	56	24x14 thk 2,5	142	2	200
184018002	18 x 1/2"	77	56	24x14 thk 2,5	144	2	160
184022122	22 x 1/2"	79	54	30x20 thk 2,5	199	2	100
184022002	22 x 3/4"	81	59	30x20 thk 2,5	202	2	100
184028342	28 x 3/4"	87	64	39x27 thk 2,5	370	2	60
184028002	28 x 1"	90	67	39x27 thk 2,5	364	2	60
184035002	35 x 1"1/4	101	74	44,5x34 thk 2,5	540	2	40
184042002	42 x 1"1/2	105	74	50,5x42 thk 2,5	563	2	30
184054002	54 x 2"	118	83	65,5x53,5 thk 3	823	2	20

184/002 - non certificato SVGW - not certified SVGW - ohne Zertifizierung SVGW - sans certification SVGW - sin certificación SVGW



184/003

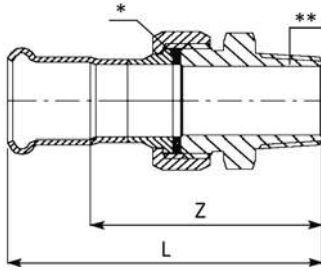
BOCCHETTONE SEDE PIANA FILETTO F

- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: AISI 316L - 1.4404
FITTING: [**]: ottone - brass - Messing - laiton - latón
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: [*]: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)




CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm			
184015003	15 x 1/2"	71	50	24x14 thk 2,5	140	2	250
184018003	18 x 1/2"	72	51	24x14 thk 2,5	145	2	140
184022123	22 x 1/2"	75	54	30x20 thk 2,5	253	2	100
184022003	22 x 3/4"	76	54	30x20 thk 2,5	213	2	100
184028343	28 x 3/4"	83	60	39x27 thk 2,5	483	2	60
184028003	28 x 1"	83	60	39x27 thk 2,5	404	2	60
184035003	35 x 1"1/4	93	66	44,5x30 thk 2,5	486	2	30
184042003	42 x 1"1/2	97	66	56x42 thk 2,5	536	2	30
184054003	54 x 2"	116	81	66,5x53,5 thk 2,5	1091	2	20

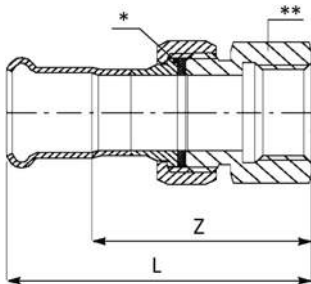
184/003 - non certificato SVGW - not certified SVGW - ohne Zertifizierung SVGW - sans certification SVGW - sin certificación SVGW

**184/002 INOX****BOCCHETTONE SEDE PIANA FILETTO M**

- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO




MATERIAL: AISI 316L - 1.4404**FITTING:** [**]: AISI 316L - 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro**GASKET:** [*]: EPDM nero - black - Schwarz - noir - negro**THREAD:** EN 10226-1 (ex ISO 7/1)

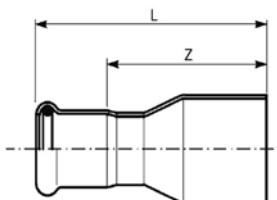
CODE	De x R mm x inch	Z mm	Gasket mm	L mm			
184015002I	15 x 1/2"	56	24x14 thk 2,5	77	137	2	200
184015012I	15 x 3/4"	57	24x14 thk 2,5	77	178	2	160
184018002I	18 x 1/2"	56	24x14 thk 2,5	77	139	2	160
184018012I	18 x 3/4"	57	24x14 thk 2,5	77	178	2	160
184022012I	22 x 1/2"	58	30x20 thk 2,5	79	217	2	100
184022002I	22 x 3/4"	59	30x20 thk 2,5	81	194	2	100
184022022I	22 x 1"	60	30x20 thk 2,5	81	257	2	80
184028002I	28 x 1"	67	39x27 thk 2,5	90	350	2	60
184035002I	35 x 1 1/4"	74	44,5x34 thk 2,5	101	518	2	40
184042002I	42 x 1 1/2"	71,5	44,5x34 thk 2,5	102	543	2	30
184054002I	54 x 2"	77	56x42 thk 2,5	111	842	2	20

**184/003 INOX****BOCCHETTONE SEDE PIANA FILETTO F**

- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: AISI 316L - 1.4404**FITTING:** [**]: AISI 316L - 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro**GASKET:** [*]: EPDM nero - black - Schwarz - noir - negro**THREAD:** EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm			
184015003I	15 x 1/2"	71	50	24x14 thk 2,5	135	2	250
184015013I	15 x 3/4"	74	54	24x14 thk 2,5	189	2	120
184018003I	18 x 1/2"	72	51	24x14 thk 2,5	140	2	140
184018013I	18 x 3/4"	75	55	24x14 thk 2,5	190	2	120
184022003I	22 x 3/4"	76	54	30x20 thk 2,5	206	2	100
184022013I	22 x 1"	79	58	30x20 thk 2,5	337	2	60
184028003I	28 x 1"	83	60	39x27 thk 2,5	387	2	60
184035003I	35 x 1 1/4"	93	66	44,5x34 thk 2,5	467	2	30
184042003I	42 x 1 1/2"	93	62,5	44,5x34 thk 2,5	488	2	30
184054003I	54 x 2"	111	77	56x42 thk 2,5	902	2	20



191

RIDUZIONE MF

- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: AISI 316L - 1.4404

O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 **B 10 11**
 76÷108 **B 10 12**
 ≥139 **B 10 17**

CODE	De mm	L mm	Z mm				
191018015	18 x 15	57	37	35	20	500	
191022015	22 x 15	64	44	43	20	400	
191022018	22 x 18	60	40	47	20	300	
191028015	28 x 15	76,5	56,5	50	20	200	
191028018	28 x 18	75	55	54	20	200	
191028022	28 x 22	65	42,5	58	20	200	
191035015	35 x 15	84	64	69	10	100	
191035018	35 x 18	81	61	87	10	100	
191035022	35 x 22	70	49	90	10	100	
191035028	35 x 28	71	48	98	10	100	
191042015	42 x 15	87	67	103	4	100	
191042018	42 x 18	87	67	108	4	80	
191042022	42 x 22	97	76	120	4	80	
191042028	42 x 28	93	70	130	4	80	
191042035	42 x 35	81	55	138	4	40	
191054015	54 x 15	98	78	148	4	40	
191054018	54 x 18	98	78	161	4	40	
191054022	54 x 22	99	78	169	4	40	
191054028	54 x 28	108,5	85,5	180	4	40	
191054035	54 x 35	108	82	193	4	40	
191054042	54 x 42	97,5	67,5	210	4	32	
191076042	76,1 x 42	143	113	480	4	4	
191076054	76,1 x 54	148	112	480	4	4	
191088054	88,9 x 54	161	125	585	4	4	
191088076	88,9 x 76,1	184	129	810	4	4	
191108054	108 x 54	178	143	835	2	2	
191108076	108 x 76,1	203	148	1005	2	2	
191108088	108 x 88,9	207	147	1103	2	2	
NEW	191139088	139,7 x 88,9	380	320	2319	1	1
NEW	191139108	139,7 x 108	395	320	2586	1	1
NEW	191168088	168,3 x 88,9	380	320	2660	1	1
NEW	191168108	168,3 x 108	395	320	2945	1	1
NEW	191168139	168,3 x 139,7	422	327	3392	1	1

B 10 11



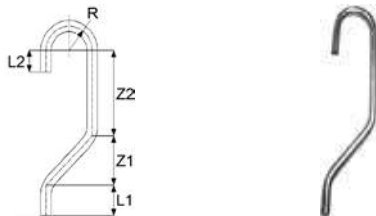
179

"S" DI SCAVALCAMENTO MM

- PIPE BRIDGE
- SPRUNGBOGEN
- "S" DE CHEVAUCHEMENT MALE
- "S" DE SUPERPOSICIÓN MM

MATERIAL: AISI 316L - 1.4404

CODE	De mm	L mm	A mm	B mm	g	kg	box
179015000	15	57	158	30	54	10	150
179018000	18	60	166	31	74	10	100
179022000	22	65	179	33	116	10	100
179028000	28	73	206	36	192	10	50



178

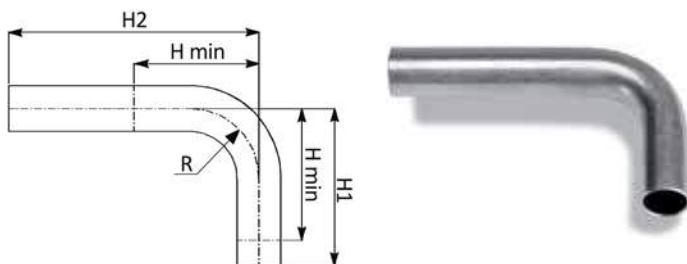
TUBO PER ARIA COMPRESSA

- PIPE FOR COMPRESSED AIR
- SPRUNGBOGEN FÜR DRUCKLUFT
- TUBE POUR L'AIR COMPRIMÉ
- TUBO DE AIRE

MATERIAL: AISI 316L - 1.4404

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	R mm	g	kg	box
178015316	15	30	30	96	114	35	143	1	20
178018316	18	50	35	108	112	39	195	1	20
178022316	22	50	35	110	110	41	359	1	20
178028316	28	60	40	139	113	51	550	1	15

B 10 11



194/900

TUBO CURVO 90°

- 90° ELBOW MM
- PASSBOGEN 90°
- COUDE D'AJUSTEMENT 90°
- TUBO RICURVO 90° MM

MATERIAL: AISI 316L - 1.4404

CODE	De mm	H1 mm	H min mm	H2 mm	R mm	g	kg	box
194015900	15	70	48	120	35	89	20	160
194018900	18	70	53	120	38	108	20	120
194022900	22	70	61	120	40	133	10	100
194028900	28	97	80	125	45	202	10	50
194035900	35	120	90	200	42	380	4	20
194042900	42	160	115	250	50	592	2	10
194054900	54	300	140	305	65	1139	2	2

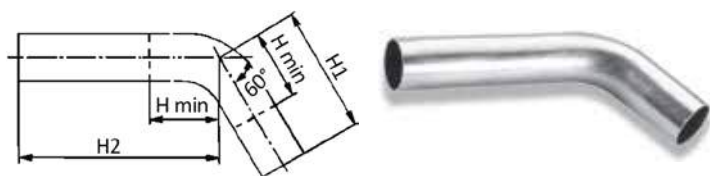
B 10 11

194/600

TUBO CURVO 60°

- 60° ELBOW MM
- PASSBOGEN 60°
- COUDE D'AJUSTEMENT 60°
- TUBO RICURVO 60° MM

MATERIAL: AISI 316L – 1.4404



CODE	De mm	H1 mm	H min mm	H2 mm			
194028600	28	71	64	116	182	10	50
194035600	35	101	71	226	406	4	24
194042600	42	124	80	251	563	2	10
194054600	54	162	97	308	914	2	2

≤54 B 10 11

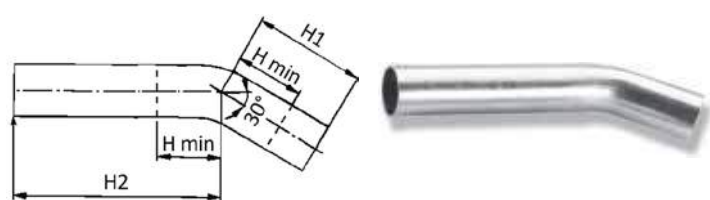
76÷108 B 10 12

194/300

TUBO CURVO 30°

- 30° ELBOW MM
- PASSBOGEN 30°
- COUDE D'AJUSTEMENT 30°
- TUBO RICURVO 30° MM

MATERIAL: AISI 316L – 1.4404



CODE	De mm	H1 mm	H min mm	H2 mm			
NEW 194018300	18	55	39	128	113	10	50
194022300	22	50	44	124	134	10	50
194028300	28	55	47	131	183	10	50
194035300	35	80	50	218	375	4	24
194042300	42	98	54	274	566	2	10
194054300	54	137	72	324	909	2	2
194076300	76,1	201	135	201	1489	1	1
194088300	88,9	241	161	241	2095	1	1
194108300	108	263	168	263	2787	1	1

≤54 B 10 11

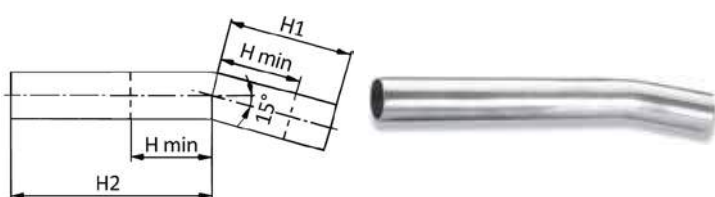
76÷108 B 10 12

194/150

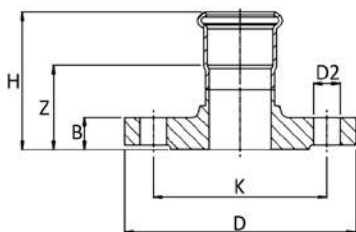
TUBO CURVO 15°

- 15° ELBOW MM
- PASSBOGEN 15°
- COUDE D'AJUSTEMENT 15°
- TUBO RICURVO 15° MM

MATERIAL: AISI 316L – 1.4404






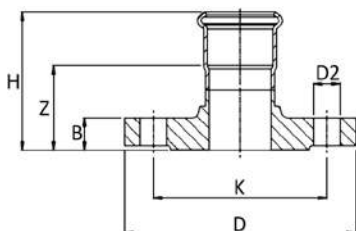
CODE	De mm	H1 mm	H min mm	H2 mm			
NEW 194018150	18	55	40	128	114	10	50
194028150	28	45	38	136	180	10	50
194035150	35	62	32	234	373	4	24
194042150	42	94	50	276	563	2	10
194054150	54	117	52	337	896	2	2
194076150	76,1	228	163	228	1694	1	1
194088150	88,9	240	160	240	2091	1	1
194108150	108	249	154	249	2646	1	1

**193/002**
≤54 B 10 11
76÷108 B 10 12
MANICOTTO FLANGIATO

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR




MATERIAL: AISI 316L - 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro**PN 6**

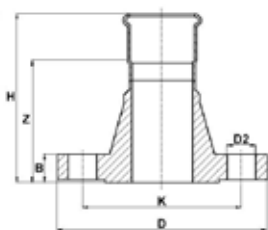
CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm			
193015002	15	15	53	33	12	80	11,5	4	55	405	2	20
193018002	18	15	53,5	33,5	12	80	11,5	4	55	405	2	20
193022002	22	20	56,5	35,5	14	90	11,5	4	65	610	2	14
193028002	28	25	59,5	36,5	14	100	11,5	4	75	755	2	10
193035002	35	32	63	37	14	120	11,5	4	90	1080	2	6
193042002	42	40	67	37	14	130	14	4	100	1186	2	8
193054002	54	50	74	38	14	140	14	4	110	1348	2	4
193076002	76,1	65	101	45,5	14	160	14	4	130	1870	2	2
193088002	88,9	80	112	52	16	190	18	4	150	2920	2	2
193108002	108	100	128	53	16	210	18	4	170	3525	2	2

**193/000**
≤54 B 10 11
76÷108 B 10 12
MANICOTTO FLANGIATO

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR




MATERIAL: AISI 316L - 1.4404**O-RING:** EPDM nero - black - Schwarz - noir - negro**PN 16**

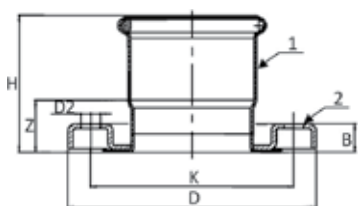
CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm			
193015000	15	15	55	35	14	95	14	4	65	660	2	20
193018000	18	15	55,5	35,5	14	95	14	4	65	660	2	20
193022000	22	20	58,5	37,5	16	105	14	4	75	945	2	14
193028000	28	25	61,5	38,5	16	115	14	4	85	1140	2	10
193035000	35	32	65,5	39,5	16	140	18	4	100	1640	2	6
193042000	42	40	69	39	16	150	18	4	110	1800	2	8
193054000	54	50	78	42	18	165	18	4	125	2450	2	4
193076000	76,1	65	105	50	18	185	18	4	145	3175	2	2
193088000	88,9	80	116	56	20	200	18	8	160	3930	2	2
193108000	108	100	132	57	20	220	18	8	180	4700	2	2


193/006
≤54 B 10 11
76÷108 B 10 12
**MANICOTTO
FLANGIATO**

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

**ANSI
150
lb**
MATERIAL: AISI 316L - 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro




CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm			
193015006	15	15	76,8	56,8	11,1	89	15,8	4	60,3	515	2	20
193018006	18	15	76,1	56,1	11,1	89	15,8	4	60,3	500	2	20
193022006	22	20	82,9	61,9	12,8	98,5	15,8	4	69,8	750	2	14
193028006	28	25	89,1	66,1	14,3	108	15,8	4	79,3	1060	2	10
193035006	35	32	94,4	68,4	15,9	117,5	15,8	4	88,9	1420	2	6
193042006	42	40	102,9	72,9	17,5	127,1	15,8	4	98,4	1810	2	8
193054006	54	50	111,1	75,5	19,1	152,5	19	4	120,6	2715	2	4
193076006	76,1	65	122,5	67,5	22,3	177,9	19	4	139,7	4190	2	2
193088006	88,9	80	150,9	90,9	23,8	190,6	19	4	152,4	5340	2	2
193108006	108	100	172,2	97,2	23,8	228,7	19	8	190,5	7525	2	2

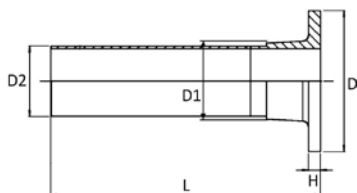

193/001
≤54 B 10 11
76÷108 B 10 12
≥139 B 10 17
**MANICOTTO
CON FLANGIA
SCORREVOLE**

- ADAPTOR LOOSE FLANGE
- ÜBERGANGSLOSFLANSCH
- BRIDE TOURNANTE DE RACCORDEMENT
- BRIDA LOCA CON ADAPTADOR

PN 10
MATERIAL: 1 - AISI 316L - 1.4404
 2 - AISI 304 - 1.4301

O-RING: EPDM nero - black - Schwarz - noir - negro

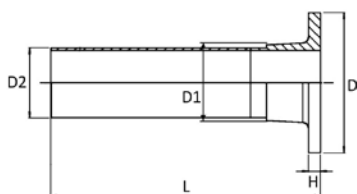
CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm			
193054001	54	50	60	24	21	165	17,5	4	125	895	2	6
193076001	76,1	65	86,5	31,5	24	185	17,5	4	145	1380	2	2
193088001	88,9	80	96	36	24	200	17,5	8	160	1380	2	2
193108001	108	100	116	41	25	220	17,5	8	180	1950	2	2
NEW 193139001	139,7	125	143	48	27	250	17,5	8	210	3352	1	1
NEW 193168001	168,3	150	176	63	29	285	21,5	8	240	4419	1	1

**193/004**
≤54 B 10 11
76÷108 B 10 12
BOCCELLI PER FLANGE LIBERE

- COLLARS FOR LOOSE FLANGES
- AUSSEN FÜR LOSE-FLANSCH
- SORTIE A BRIDE POUR BRIDE TOURNANTE
- TRONCO EMBRIDADO PARA BRIDA LOCA

MATERIAL: AISI 316L – 1.4404**PN 6**

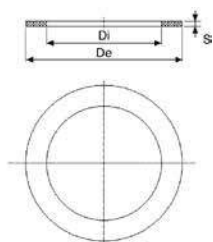
CODE	De mm	L mm	H mm	D mm	D1 mm	D2 mm		
193022004	22	135	6	50	27	22	210	2
193028004	28	135	6	60	32	28	260	2
193035004	35	135	6	70	40	35	350	2
193042004	42	135	6	80	46	42	420	2
193054004	54	135	8	90	59	54	580	2
193076004	76,1	135	8	110	78	76,1	840	2
193088004	88,9	135	10	128	91	88,9	1150	2
193108004	108	135	10	148	110	108	1390	2

**193/003**
≤54 B 10 11
76÷108 B 10 12
BOCCELLI PER FLANGE LIBERE

- COLLARS FOR LOOSE FLANGES
- AUSSEN FÜR LOSE-FLANSCH
- SORTIE A BRIDE POUR BRIDE TOURNANTE
- TRONCO EMBRIDADO PARA BRIDA LOCA

MATERIAL: AISI 316L – 1.4404**PN 16**

CODE	De mm	L mm	H mm	D mm	D1 mm	D2 mm		
193022003	22	135	6	58	27	22	240	2
193028003	28	135	6	68	32	28	300	2
193035003	35	135	6	78	40	35	390	2
193042003	42	135	6	88	46	42	470	2
193054003	54	135	8	102	59	54	700	2
193076003	76,1	135	8	122	78	76,1	980	2
193088003	88,9	135	10	138	91	88,9	1310	2
193108003	108	135	10	158	110	108	1580	2



434/PN 6

R 30 30

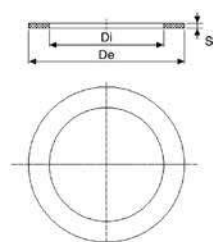
GUARNIZIONE ECOLOGICA PER FLANGE

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLOGICA PARA BRIDA

PN 6

MATERIAL: Sesalit Eco
NORM: EN 1092-1

CODE	DN	De mm	Di mm	S mm		
434015006	15 - (1/2")	44	20	2	4	10
434020006	20 - (3/4")	54	25	2	6	10
434025006	25 - (1")	64	30	2	9	10
434032006	32 - (1 1/4")	75	38	2	11	10
434040006	40 - (1 1/2")	85	45	2	14	10
434050006	50 - (2")	95	57	2	15	10
434065006	65 - (2 1/2")	115	76	2	19	10
434080006	80 - (3")	132	89	2	26	10
434100006	100 - (4")	152	108	2	29	10



434/PN 10-16

R 30 30

GUARNIZIONE ECOLOGICA PER FLANGE

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLOGICA PARA BRIDA

PN 10/16

MATERIAL: Sesalit Eco
NORM: EN 1092-1

CODE	DN	De mm	Di mm	S mm		
434015000	15 - (1/2")	50	20	2	6	10
434020000	20 - (3/4")	60	25	2	8	10
434025000	25 - (1")	70	30	2	10	10
434032000	32 - (1 1/4")	82	38	2	14	10
434040000	40 - (1 1/2")	92	45	2	17	10
434050000	50 - (2")	108	57	2	22	10
434065000	65 - (2 1/2")	127	76	2	27	10
434080000	80 - (3")	142	89	2	30	10
434100000	100 - (4")	162	108	2	38	10

Sesalit ECO: fibre organiche e sintetiche legate con gomma NBR/SBR esente amianto
 IMPIEGHI: Acqua calda e fredda, olii vegetali ed animali, aria, alcuni carburanti (no GAS)

LIMITI DI TEMPERATURA ORIENTATIVI

Temperatura massima per brevi esposizioni: 180°-200° C
 Temperatura massima di esercizio continuo per fluidi non aggressivi: 140° C
 Temperatura massima di esercizio continuo con vapore: 110° C

OMOLOGAZIONI: acqua potabile WRAS n° 1605525

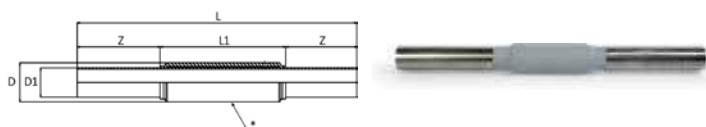
Sesalit ECO: organic and synthetic fibers bonded with NBR/SBR asbestos-free

USES: hot and cold water, vegetable and animal oils, air, some fuels (no GAS)

GUIDELINE TEMPERATURE LIMITS

Maximum temperature for short exposure: 180°-200° C
 Maximum operating temperature for continuous non-aggressive fluids: 140° C
 Maximum temperature for continuous operation with steam: 110° C

APPROVAL: potable water WRAS n° 1605525

**179/001**

≤54 B 10 11
76÷108 B 10 12

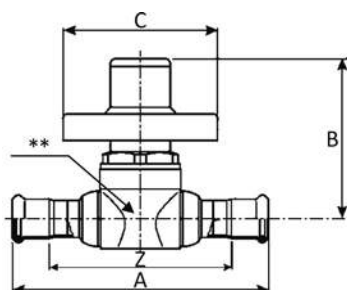
PASSAGGIO STAGNO

- DECK / BULKHEAD PENETRATION
- WANDDURCHFÜHRUNG
- PASSAGE ÉTANCHE
- PASAJE ESTAÑO

MATERIAL: AISI 316L - 1.4404

NOTE: [*]: S235JR [Fe 360]

CODE	De mm	L mm	L1 mm	Z mm	D mm	D1 mm	g	B
179015001	15	450	120	165	25	15	460	1
179018001	18	450	120	165	30	18	621	1
179022001	22	450	120	165	33	22	701	1
179028001	28	450	120	165	37	28	776	1
179035001	35	450	120	165	43,5	35	936	1
179042001	42	450	120	165	53	42	1291	1
179054001	54	450	120	165	69	54	1965	1
179076001	76,1	450	120	165	88,5	76,1	2840	1
179088001	88,9	450	120	165	107	88,9	4081	1
179108001	108	450	120	165	131,5	108	5682	1

**195/000****B 10 11****RUBINETTO DA INCASSO CON ROSONE**

- STOPVALVE WITH PRESS ENDS
- UP-VENTIL MIT PRESSENDEN
- ROBINET ENCASTRE AVEC ROSACE
- VÁLVULA DE BOLA "PRES" CON EMBECELLADOR

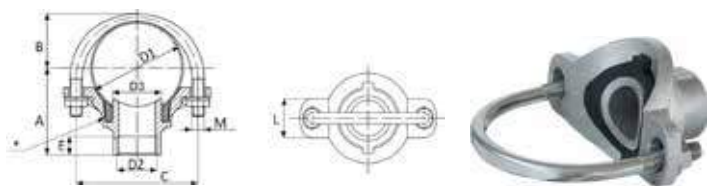
MATERIAL: AISI 316L - 1.4404

O-RING: EPDM nero - black - Schwarz - noir - negro

NOTE: [**] Movimento interno in Ottone - Kugel aus Messing - Ball out of brass - Mouvement en laiton - Bola en latón

CODE	De mm	Z mm	A mm	B mm	C mm	g	B	C
195015000	15	42	101	74	70	330	1	10

B 10 12



171/T

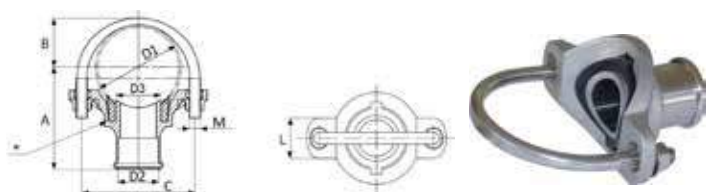
COLLARE DI PRESA CON DERIVAZIONE FEMMINA

- BRACKET WITH FEMALE THREAD
- ANBOHRSCHELLE MIT INNENGEWINDE
- COLLIER DE PRISE AVEC DÉRIVATION À SERTIR
- CONJUNTO DERIVACIÓN ROSCADO HEMBRA

MATERIAL: AISI 316L - 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: [*]: EPDM guarnizione - gasket - Dichtung - joint - juntas
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	D1 mm	D2 mm	D3 mm	A mm	B mm	C mm	L mm	E mm	M mm			
171076100	76,1	1"	42	57,5	44	100	35	15	M10 x 35	716	1	20

B 10 12



171/P

COLLARE DI PRESA CON DERIVAZIONE A PRESSARE

- BRACKET WITH FEMALE PRESS CONNECTION
- ANBOHRSCHELLE MIT PRESSENDEN
- COLLIER DE PRISE AVEC DÉRIVATION F
- CONJUNTO DERIVACIÓN DE PRENSAR

MATERIAL: AISI 316L - 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: [*]: EPDM guarnizione - gasket - Dichtung - joint - juntas

CODE	D1 mm	D2 mm	D3 mm	A mm	B mm	C mm	L mm	M mm			
171076035	76,1	35	42	90	44	100	35	M10 x 35	700	1	20
171088042	88,9	42	50	97	53	115	40	M10 x 35	740	1	10
171108054	108	54	60	116	60	135	45	M10 x 35	1090	1	10

Montaggio - Assembly - Montage - Assemblage - Montaje



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



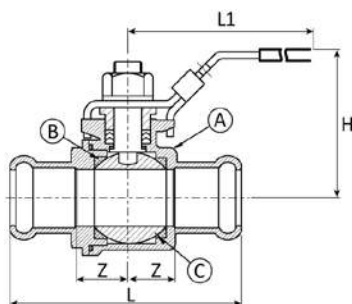
Fig. 10



Fig. 11



Fig. 12

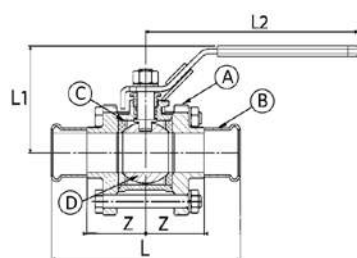
**195/005****VALVOLA A SFERA PASSAGGIO TOTALE**

- BALL VALVE WITH FULL PORT
- KUGELHAHN MIT VOLLEM DURCHGANG
- BOISSEAU SPHERIQUE PASSAGE RÉDUIT
- VÁLVULA DE BOLA PASO TOTAL

MATERIAL: A-C: AISI 316L - 1.4404 B: PTFE

O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	L1 mm	H mm	Z mm			
195015005	15	85	97,5	50	20	330	1	10
195018005	18	88	123	59	20	350	1	10
195022005	22	100	123	62,5	21	500	1	10
195028005	28	107	145	69,5	23	710	1	10

**195/003**

≤54 B 10 11

76÷108 B 10 12

VALVOLA A SFERA 3 PZ PASSAGGIO TOTALE LUCCHETTABILE CON BASE PER ATTUATORE

- 3-PC BALL VALVE WITH FULL PORT
- KUGELHAHN 3-TEILIG MIT VOLLEM DURCHGANG
- BOISSEAU SPHERIQUE 3 PIEÇES PASSAGE INTÉGRAL
- VÁLVULA DE BOLA TRES PIEZAS POSO TOTAL

MATERIAL: A-B-D: AISI 316L - 1.4404 C: PTFE

O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	DN	DN inch	L mm	Z mm	L1 mm	L2 mm			
195015003	15	10	3/8"	128	44	69	145	690	1	10
195018003	18	15	1/2"	134	47	69	145	700	1	10
195022003	22	20	3/4"	151	54,5	76	145	1000	1	10
195028003	28	25	1"	167	60,5	89	175	1460	1	5
195035003	35	32	1" 1/4	184	66	93,5	175	2260	1	5
195042003	42	40	1" 1/2	207	73,5	103	195	3080	1	5
195054003	54	50	2"	245	87,5	109	195	4520	1	2
195076003	76,1	65	2" 1/2	334	112	147	295	9100	1	2
195088003	88,9	80	3"	384	132	154	295	13300	1	1
195108003*	108	100	4"	470	160	205	400	24700	1	1

[*] DN 108 con tubo maniglia, with pipe handle, mit Rohrgriff, avec tube-poignée, con mango de tubo

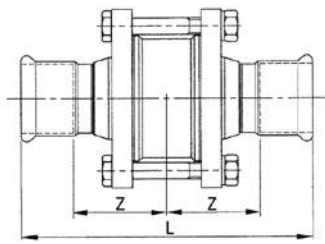
Le condizioni stampigliate sono relative al corpo della valvola. La pressione massima di lavoro delle valvole art. 195/003 = 16 bar. Con flangia per attuatore.

The marked pressure's conditions are related to the body of the valve. Maximum working pressure for pressfitting valve art. 195/003 = 16 bar. With flange for actuator.

Die markierte Konditionen der Pressfitting entsprechend den Kugelhahnkoerper. Maximaler Arbeitsbetriebsdruck für Kugelhahn 195/003 = 16 bar. Mit Flansch für Stellantrieb.

Les conditions de pressions indiquées sur la presse vanne correspondent au corps de vanne. Pression de service maximale des vannes 195/003 = 16 bar. Avec bride pour actuateur.

Condiciones de presión marcadas están relacionadas con el cuerpo de la válvula. La presión máxima de trabajo de las válvulas art. 195/003 = 16 bar. Con brida para actuator.



195/004

≤54 B 10 11
 76÷108 B 10 12

VALVOLA DI RITEGNO

- NON-RETURN VALVE
- RÜCKSCHLAGVENTIL
- CLAPET ANTI-RETOUR
- VÁLVULA DE RETENCIÓN

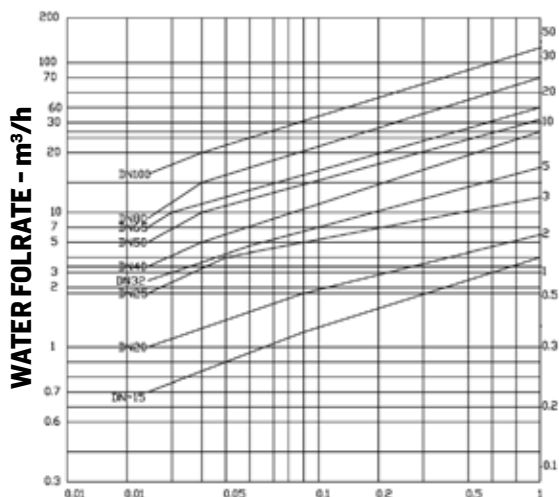
MATERIAL: AISI 316L - 1.4404

O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	DN	L mm	Z mm		
195015004	15	15	114	37	1240	1
195018004	18	15	113	36,5	1340	1
195022004	22	20	121	39,5	1750	1
195028004	28	25	138	46	1800	1
195035004	35	32	158	53	3950	1
195042004	42	40	180	60	4500	1
195054004	54	50	200	65	5400	1
195076004	76,1	65	272	81	7050	1
195088004	88,9	80	299	89,5	12280	1
195108004	108	100	372	111	14800	1

Le condizioni stampigliate sono relative al corpo della valvola. La pressione massima di lavoro delle valvole art. 195/004 = 16 bar
 The marked pressure's conditions are related to the body of the valve. Maximum working pressure for pressfitting valve art. 195/004 = 16 bar
 Die markierte Konditionen der Pressfitting entsprechend den Kugelhahnkoerper. Maximaler Arbeitsbetriebsdruck für Kugelhahn 195/004 = 16 bar
 Les conditions de pressions indiquées sur la presse vannes correspondent au corps de vanne. Pression de service maximale des vannes 195/004 = 16 bar.
 Condiciones de presión marcadas están relacionadas con el cuerpo de la válvula. La presión máxima de trabajo de las válvulas art. 195/004 = 16 bar

**DIAGRAMMA PERDITA DI CARICO
 PRESSURE LOSS DIAGRAM**



DN15-DN100 PRESSURE LOSS - bar

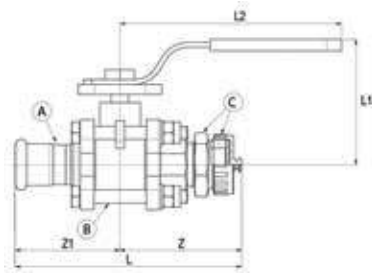
CV / KV PER VALVOLA DI RITEGNO CV / KV FOR NON-RETURN VALVE				DIREZIONE DI FLUSSO FLOW DIRECTION		
DE	DN DN inch	CV US gallon/min	KV m³/h	↑	↓	→
				Pressione di apertura Opening pressure (mbar)		
15	15 - 1/2"	21	18,1	25	21	23
18	15 - 1/2"	21	18,1	25	21	23
22	20 - 3/4"	35	30,1	25	21	23
28	25 - 1"	40	34,4	25	21	23
35	32 - 1 1/4"	80	68,8	27	21	24
42	40 - 1 1/2"	100	86,0	29	21	25
54	50 - 2"	126	108,4	29	21	25
76,1	65 - 2 1/2"	164	141,0	31	21	25
88,9	80 - 3"	200	172,0	32	21	26
108	100 - 4"	249	214,1	33	21	27

NOTE

Cv = flusso di acqua (a 60°F) in gpm (galloni al minuto) con una pressione differenziale (caduta di pressione) di 1 psi.

Kv = flusso di acqua (tra 5° e 40°) m³/h, con una pressione differenziale (caduta di pressione) di 1 bar.

(1 Kv = 0,86 Cv)





NEW

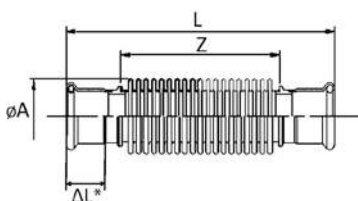
195/008**VALVOLA A SFERA CON PRESA MANICHETTA**

- BALL VALVE WITH HOSE CONNECTION
- KUGELHAHN MIT SCHLAUCHANSCHLUSS
- BOISSEAU SPHERIQUE AVEC RACCORD DETUYAU
- VÁLVULA DE BOLA CON CONEXIÓN DELA MANGUERA

MATERIAL: A-B: AISI 316L - 1.4404
C: ottone - brass - Messing - laitón - latón

O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	L1 mm	L2 mm	Z mm	Z1 mm		
195015008	15 x 3/4"	125	69	145	42	64	873	1
195022008	22 x 1"	138	76	145	43	74	1314	1




**199****COMPENSATORE DI DILATAZIONE**

- EXPANSION COMPENSATOR
- WELLENKOMPENSATOR
- COMPENSATEUR D'EXPANSION
- DILATADOR

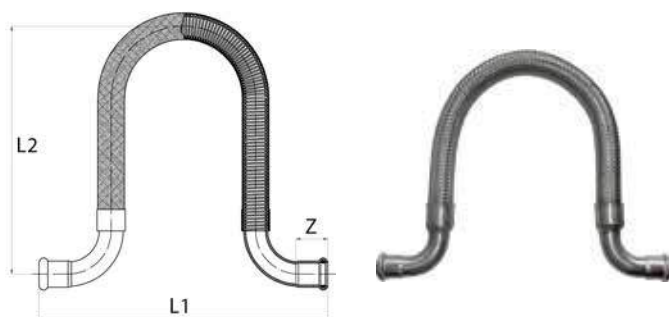
MATERIAL: AISI 316L - 1.4404

O-RING: EPDM nero - black - Schwarz - noir - negro

NOTE: * ΔL max: 1000 cicli - 1000 cycles
1000 Abläufe - 1000 cycles
1000 ciclos

CODE	De mm	L mm	ΔL* mm	Z mm	A mm			
199015000	15	139	16	71	23	80	10	100
199018000	18	143	18	74	28	108	10	80
199022000	22	139	20	68	34	130	10	80
199028000	28	150	22	73	41	155	5	40
199035000	35	177	26	90	52	251	4	24
199042000	42	202	32	107	62	440	2	16
199054000	54	221	36	113	72	550	2	12

B 10 11





199/001

TUBO FLESSIBILE AD OMEGA

- U-BEND FLEXIBLE PIPE
- FLEXIBLES ECKSTÜCK ZUM EINPRESSEN
- TUBE FLEXIBLE RACCORDS COUDÉS
- FLEXIBLE OMEGA

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L1 mm	L2 mm	Z mm		
199015001	15	275	165	20	245	1
199018001	18	350	170	20	290	1
199022001	22	380	195	21	450	1
199028001	28	410	230	23	615	1
199035001	35	460	255	26	1080	1
199042001	42	530	295	30	1455	1
199054001	54	625	370	35	2310	1

B 10 11



199/002

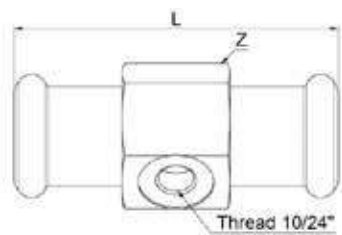
TUBO FLESSIBILE RETTILINEO

- STRAIGHT FLEXIBLE PIPE
- PANZERSCHLAUCH ZUM EINPRESSEN
- TUBE FLEXIBLE RACCORDS DROIT
- FLEXIBLE RECTO

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero – black – Schwarz – noir – negro






CODE	De mm	L mm	Z mm		
199015002	15	500	20	200	1
199018002	18	600	20	310	1
199022002	22	700	21	350	1
199028002	28	700	23	495	1
199035002	35	800	26	980	1
199042002	42	900	30	1280	1
199054002	54	1100	35	2060	1

**195/007 U****ATTACCO NEBULIZZATORE**

- NEBULIZER CONNECTION
- VERNEBLER-ANSCHLUSS
- CONNEXION NÉBULISEUR
- CONEXIÓN NEBULIZADOR



MATERIAL: AISI 316L – 1.4404**O-RING:** EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L mm	Z mm	Holes Nr.			
195015017	15	60	24	1x10/24"	82	10	200
195015027	15	60	24	2x10/24"	80	10	200

**NEW****195/N****NEBULIZZATORE**

- NEBULIZER
- VERNEBLER
- NÉBULISEUR
- NEBULIZADOR

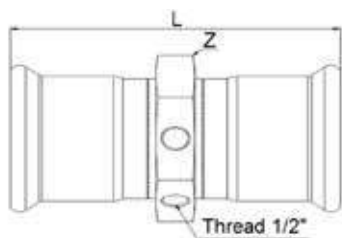
MATERIAL: AISI 304 – 1.4301**O-RING:** NBR marrone – brown – Braun – brun – marrón

CODE	Hole μm	DN inch	L1 mm	D mm	L mm		
195000015	15	10/24"	20	9,5	25	10	10
195000020	20	10/24"	20	9,5	25	10	10
195000030	30	10/24"	20	9,5	25	10	10
195000040	40	10/24"	20	9,5	25	10	10
195000050	50	10/24"	20	9,5	25	10	10

Esempio applicazione art. 195/007 U / Art. 195/007 U application example

195/007 U

Impianti di nebulizzazione con tubazione $\varnothing 15$
Atomization systems with $\varnothing 15$ pipes





195/007

≤54 B 10 11
 76÷108 B 10 12

ATTACCO MULTI STRUMENTO

- MULTI TOOL CONNECTION
- MULTI-TOOL-ANSCHLUSS
- CONNEXION MULTI-OUTILLAGE
- CONEXIÓN MULTIPLE HERRAMIENTA

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	Holes Nr.	 g	
195035007	35	128	60	3 x 1/2"	715	1
195042007	42	135	60	3 x 1/2"	645	1
195054007	54	135	74	3 x 1/2"	874	1
195076007	76,1	189	92	3 x 1/2"	1474	1
195088007	88,9	208	106	3 x 1/2"	1874	1
195108007	108	240	130	3 x 1/2"	2774	1

Con n° 2 tappi maschi ISO 228 per potere chiudere almeno 2 dei 3 attacchi disponibili da 1/2".
 With n° 2 male caps ISO 228 to close at least 2 of the 3 available attacks of 1/2".
 Mit n° 2 männlich Kappen ISO 228 mindestens 2 der 3 verfügbaren Angriffe von 1/2" zu schließen.
 Avec n° 2 mâle casquettes ISO 228 pour fermer au moins 2 des 3 attaques disponibles de 1/2".
 Con n° 2 casquillos macho ISO 228 para cerrar al menos 2 de los 3 ataques disponibles de 1/2".

Esempio applicazione art. 195/007 / Art. 195/007 application example



195/007 Attacco multi strumento (manometri, termometri, etc)
 Multiple purpose instrument inlet (manometers, thermometers, etc.)